

W

689

689

# ~~688~~ 689

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1.

For Single Track Embankment.

| H  | 0    | .1   | .2   | .3   | .4   | .5   | .6   | .7   | .8   | .9   | H  |
|----|------|------|------|------|------|------|------|------|------|------|----|
| 0  | 8.0  | 8.1  | 8.2  | 8.3  | 8.4  | 8.5  | 8.6  | 8.7  | 8.8  | 8.9  | 0  |
| 1  | 9.0  | 9.1  | 9.2  | 9.3  | 9.4  | 9.5  | 9.6  | 9.7  | 9.8  | 9.9  | 1  |
| 2  | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 2  |
| 3  | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 3  |
| 4  | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 4  |
| 5  | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 5  |
| 6  | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 6  |
| 7  | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 7  |
| 8  | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 | 8  |
| 9  | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 9  |
| 10 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 | 10 |
| 11 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 11 |
| 12 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 | 12 |
| 13 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 | 13 |
| 14 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 14 |
| 15 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 15 |
| 16 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 16 |
| 17 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 17 |
| 18 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 18 |
| 19 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 19 |
| 20 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 20 |
| 21 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 | 21 |
| 22 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 22 |
| 23 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 | 23 |
| 24 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 24 |
| 25 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 25 |
| 26 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 26 |
| 27 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 | 27 |
| 28 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 28 |
| 29 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 29 |
| 30 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 30 |
| 31 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 | 31 |
| 32 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 32 |
| 33 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 33 |
| 34 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 34 |
| 35 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 | 35 |
| 36 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 36 |
| 37 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 | 37 |
| 38 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 38 |
| 39 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 | 39 |
| 40 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 40 |

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be  $30.6 + (20 - 16) \div 2$  or 2 ft. added to  $30.6 = 32.6$ . For slopes of 1 on  $1\frac{1}{2}$  see inside of back cover.

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## Alvarado Treatment Plant Site

X-sects (10's) Rosanna Filter Site

|       | 1-38 | 541.87 | 546.99 | City Dat.                     |
|-------|------|--------|--------|-------------------------------|
| 9+60  |      |        | 4.8    | 537.1 ✓                       |
| 10's  |      |        | 6.0    | 535.9 <sup>4</sup><br>536.0 ✓ |
| 20's  |      |        | 6.3    | 535.6 ✓                       |
| 30's  |      |        | 7.3    | 534.6 ✓                       |
| 40's  |      |        | 8.0    | 533.9 ✓                       |
| 50's  |      |        | 8.5    | 533.4 ✓                       |
| 60's  |      |        | 9.1    | 532.8 ✓                       |
| 70's  |      |        | 9.5    | 532.4 ✓                       |
| 80's  |      |        | 10.0   | 531.9 ✓                       |
| 90's  |      |        | 10.6   | 531.3 ✓                       |
| 100's |      |        | 10.5   | 531.4 ✓                       |
| 110's |      |        | 11.3   | 530.6 ✓                       |
| 120's |      |        | 12.0   | 529.9 ✓                       |
| 130's |      |        | 12.4   | 529.5 ✓                       |
| 140's |      |        | 13.0   | 528.9 ✓                       |
| 150's |      |        | 13.3   | 528.6 ✓                       |
| 160's |      |        | 13.9   | 528.0 ✓                       |
| 170's |      |        | 13.9   | 528.0 ✓                       |

For key sketch  
see back of book

X KING  
Kilger  
Hunley

9-14-45

2

BASE LINE is Eug. P.H. Location

U.S.G.S. E1. 542.61  
6.12  
B.M.#3 See BR. 669 Page 57 Eucalyptus. P. 1 548.49

|       |     |          |      |         |
|-------|-----|----------|------|---------|
| 9+60  |     | 541.87 ✓ |      |         |
| 180'S |     |          | 14.7 | 527.2 ✓ |
| 190'S |     |          | 15.2 | 526.7 ✓ |
| 200'S |     |          | 15.8 | 526.1 ✓ |
| 10'N  |     |          | 4.5  | 537.4 ✓ |
| 20'N  | END |          | 4.2  | 537.7 ✓ |
| 9+50  |     |          | 4.8  | 537.1 ✓ |
| 10'S  |     |          | 5.5  | 536.4 ✓ |
| 20'S  |     |          | 6.3  | 535.6 ✓ |
| 30'S  |     |          | 7.2  | 534.7 ✓ |
| 40'S  |     |          | 8.0  | 533.9 ✓ |
| 50'S  |     |          | 8.5  | 533.4 ✓ |
| 60'S  |     |          | 9.0  | 532.9 ✓ |
| 70'S  |     |          | 9.5  | 532.4 ✓ |
| 80'S  |     |          | 9.8  | 532.1 ✓ |
| 90'S  |     |          | 10.5 | 531.4 ✓ |
| 100'S |     |          | 10.4 | 531.5 ✓ |

3

|                          |          |       |   |
|--------------------------|----------|-------|---|
| 9+50                     | 541.87 ✓ |       |   |
| 110'S                    | 11.0     | 530.9 | ✓ |
| 120'S                    | 11.8     | 530.1 | - |
| 130'S                    | 12.2     | 529.7 | ✓ |
| 140'S                    | 12.9     | 529.0 | - |
| 150'S                    | 13.2     | 528.7 | ✓ |
| 160'S                    | 13.7     | 528.2 | ✓ |
| 170'S                    | 13.9     | 528.0 | - |
| 180'S                    | 14.2     | 527.7 | - |
| 190'S                    | 15.0     | 526.9 | - |
| 200'S <small>END</small> | 15.6     | 526.3 | - |
| 10'N                     | 4.5      | 537.4 | ✓ |
| 20'N                     | 4.3      | 537.6 | ✓ |
| 30'N                     | 3.5      | 538.4 | ✓ |
| 40'N <small>END</small>  | 2.8      | 539.1 | ✓ |
| 9+40                     | 4.8      | 537.1 | - |
| 10'S                     | 6.0      | 535.9 | - |
| 20'S                     | 6.6      | 535.3 | - |
| 30'S                     | 7.2      | 534.7 | - |

4

|       |          |       |   |
|-------|----------|-------|---|
| 9+40  | 541.87 ✓ |       |   |
| 40'S  | 7.9      | 534.0 | ✓ |
| 50'S  | 8.5      | 533.4 | ✓ |
| 60'S  | 9.0      | 532.9 | ✓ |
| 70'S  | 9.5      | 532.4 | - |
| 80'S  | 9.8      | 532.1 | - |
| 90'S  | 10.4     | 531.5 | - |
| 100'S | 10.3     | 531.6 | - |
| 110'S | 10.9     | 531.0 | - |
| 120'S | 11.6     | 530.3 | ✓ |
| 130'S | 11.9     | 530.0 | - |
| 140'S | 12.6     | 529.3 | ✓ |
| 150'S | 13.1     | 528.8 | - |
| 160'S | 13.3     | 528.6 | - |
| 170'S | 13.6     | 528.3 | ✓ |
| 180'S | 14.0     | 527.9 | ✓ |
| 190'S | 14.6     | 527.3 | ✓ |
| 200'S | 15.0     | 526.9 | ✓ |
| 210'S | 15.3     | 526.6 | ✓ |

|           | 541.87 ✓ |       |   |  |
|-----------|----------|-------|---|--|
| 9740      |          |       |   |  |
| 220'S END | 16.4     | 525.5 | ✓ |  |
| 10'N      | 4.6      | 537.3 | ✓ |  |
| 20'N      | 4.4      | 537.5 | ✓ |  |
| 30'N      | 3.7      | 538.2 | ✓ |  |
| 40'N END  | 2.8      | 539.1 | ✓ |  |
| 9730      | 4.8      | 537.1 | ✓ |  |
| 10'S      | 5.8      | 536.1 | ✓ |  |
| 20'S      | 6.5      | 535.4 | ✓ |  |
| 30'S      | 7.1      | 534.8 | ✓ |  |
| 40'S      | 7.7      | 534.2 | ✓ |  |
| 50'S      | 8.3      | 533.6 | ✓ |  |
| 60'S      | 8.8      | 533.1 | ✓ |  |
| 70'S      | 9.2      | 532.7 | ✓ |  |
| 80'S      | 9.6      | 532.3 | ✓ |  |
| 90'S      | 10.3     | 531.6 | ✓ |  |
| 100'S     | 10.0     | 531.9 | ✓ |  |
| 110'S     | 10.9     | 531.0 | ✓ |  |
| 120'S     | 11.6     | 530.3 | ✓ |  |

|           | 541.87 ✓ |        |      |          |
|-----------|----------|--------|------|----------|
| 9730      |          |        |      |          |
| 130'S     | 12.1     | 529.8  | ✓    |          |
| 140'S     | 12.6     | 529.3  | ✓    |          |
| 150'S     | 12.8     | 529.1  | ✓    |          |
| 160'S     | 13.2     | 528.7  | ✓    |          |
| 170'S     | 13.3     | 528.6  | ✓    |          |
| 180'S     | 13.9     | 528.0  | ✓    |          |
| 190'S     | 14.4     | 527.5  | ✓    |          |
| 200'S     | 14.7     | 527.2  | ✓    |          |
| 210'S     | 15.1     | 526.8  | ✓    |          |
| 220'S END | 15.9     | 526.0  | ✓    |          |
| 10'N      | 4.5      | 537.4  | ✓    |          |
| 20'N      | 4.4      | 537.5  | ✓    |          |
| 30'N      | 3.6      | 538.3  | ✓    |          |
| 40'N END  | 2.8      | 539.1  | ✓    |          |
|           |          |        |      |          |
| TP        | 3.22     | 543.71 | 1.38 | 540.99 ✓ |
|           |          |        |      |          |
| 9720      | 6.6      | 537.1  | ✓    |          |

| 7.    |      | 543.71 ✓ |             |
|-------|------|----------|-------------|
| 9+20  |      |          |             |
| 10'S  | 7.6  | 536.1 ✓  |             |
| 20'S  | 8.4  | 535.3 ✓  |             |
| 30'S  | 9.0  | 534.7 ✓  |             |
| 40'S  | 9.5  | 534.2 ✓  |             |
| 50'S  | 9.9  | 533.8 ✓  |             |
| 60'S  | 10.4 | 533.3 ✓  |             |
| 70'S  | 10.9 | 532.8 ✓  |             |
| 80'S  | 11.3 | 532.4 ✓  |             |
| 90'S  | 12.0 | 531.7 ✓  |             |
| 100'S | 11.8 | 531.9 ✓  |             |
| 110'S | 12.6 | 531.1 ✓  |             |
| 120'S | 13.4 | 530.3 ✓  | see Page 26 |
| 10'N  | 6.4  | 537.3 ✓  |             |
| 20'N  | 6.3  | 537.4 ✓  |             |
| 30'N  | 5.5  | 538.2 ✓  |             |
| 40'N  | 4.9  | 538.8 ✓  |             |
| 50'N  | 4.2  | 539.5 ✓  |             |
| 60'N  | 3.8  | 539.9 ✓  | END         |

King  
Himley  
Klingler  
Leonard

9-17-95

| 8.    |      | 543.71 ✓ |             |
|-------|------|----------|-------------|
| 9+10  | 6.6  | 537.1 ✓  |             |
| 10'S  | 7.8  | 535.9 ✓  |             |
| 20'S  | 8.4  | 535.3 ✓  |             |
| 30'S  | 8.9  | 534.8 ✓  |             |
| 40'S  | 9.4  | 534.3 ✓  |             |
| 50'S  | 9.7  | 534.0 ✓  |             |
| 60'S  | 10.1 | 533.6 ✓  |             |
| 70'S  | 10.7 | 533.0 ✓  |             |
| 80'S  | 11.2 | 532.5 ✓  |             |
| 90'S  | 11.8 | 531.9 ✓  |             |
| 100'S | 11.5 | 532.2 ✓  |             |
| 110'S | 12.3 | 531.4 ✓  |             |
| 120'S | 13.1 | 530.6 ✓  | see Page 26 |
| 10'N  | 6.4  | 537.3 ✓  |             |
| 20'N  | 6.2  | 537.5 ✓  |             |
| 30'N  | 5.2  | 538.5 ✓  |             |
| 40'N  | 4.7  | 539.0 ✓  |             |
| 50'N  | 4.3  | 539.4 ✓  |             |

9.

|                                  |          |       |   |
|----------------------------------|----------|-------|---|
| 9+10                             | 543.71 ✓ |       |   |
| 60'N END                         | 4.0      | 539.7 | ✓ |
| 9+00                             | 6.6      | 537.1 | ✓ |
| 10'S                             | 7.8      | 535.9 | ✓ |
| 20'S                             | 8.4      | 535.3 | ✓ |
| 30'S                             | 8.8      | 534.9 | ✓ |
| 40'S                             | 9.3      | 534.4 | ✓ |
| 50'S                             | 9.6      | 534.1 | ✓ |
| 60'S                             | 10.1     | 533.6 | ✓ |
| 70'S                             | 10.5     | 533.2 | ✓ |
| 80'S                             | 11.3     | 532.4 | ✓ |
| 90'S                             | 11.7     | 532.0 | ✓ |
| 100'S                            | 11.6     | 532.1 | ✓ |
| 110'S                            | 12.1     | 531.6 | ✓ |
| 120'S <small>see Page 27</small> | 13.0     | 530.7 | ✓ |
| 10'N                             | 6.2      | 537.5 | ✓ |
| 20'N                             | 6.1      | 537.6 | ✓ |
| 30'N                             | 5.1      | 538.6 | ✓ |
| 40'N                             | 4.6      | 539.1 | ✓ |

10.

|                                  |          |       |   |
|----------------------------------|----------|-------|---|
| 9+00                             | 543.71 ✓ |       |   |
| 50'N                             | 4.1      | 539.6 | ✓ |
| 60'N END                         | 3.9      | 539.8 | ✓ |
| 8+90                             | 6.6      | 537.1 | ✓ |
| 10'S                             | 7.5      | 536.2 | ✓ |
| 20'S                             | 8.2      | 535.5 | ✓ |
| 30'S                             | 8.8      | 534.9 | ✓ |
| 40'S                             | 9.2      | 534.5 | ✓ |
| 50'S                             | 9.5      | 534.2 | ✓ |
| 60'S                             | 9.9      | 533.8 | ✓ |
| 70'S                             | 10.5     | 533.2 | ✓ |
| 80'S                             | 11.0     | 532.7 | ✓ |
| 90'S                             | 11.5     | 532.2 | ✓ |
| 100'S                            | 11.2     | 532.5 | ✓ |
| 110'S                            | 11.9     | 531.8 | ✓ |
| 120'S <small>see Page 27</small> | 12.6     | 531.1 | ✓ |
| 10'N                             | 6.3      | 537.4 | ✓ |
| 20'N                             | 6.6      | 537.1 | ✓ |
| 30'N                             | 5.5      | 538.2 | ✓ |



|       | 543.71 ✓ |       |   |
|-------|----------|-------|---|
| 8+90  |          |       |   |
| 40'N  | 4.7      | 539.0 | ✓ |
| 50'N  | 4.3      | 539.4 | ✓ |
| 60'N  | 3.9      | 539.8 | ✓ |
| 70'N  | 3.6      | 540.1 | ✓ |
| 80'N  | 3.0      | 540.7 | ✓ |
| 8+80  | 6.5      | 537.2 | ✓ |
| 10's  | 7.9      | 535.8 | ✓ |
| 20's  | 8.3      | 535.4 | ✓ |
| 30's  | 8.7      | 535.0 | ✓ |
| 40's  | 9.1      | 534.6 | ✓ |
| 50's  | 9.3      | 534.4 | ✓ |
| 60's  | 9.5      | 534.2 | ✓ |
| 70's  | 10.3     | 533.4 | ✓ |
| 80's  | 10.8     | 532.9 | ✓ |
| 90's  | 11.3     | 532.4 | ✓ |
| 100's | 11.2     | 532.5 | ✓ |
| 110's | 11.6     | 532.1 | ✓ |
| 120's | 12.4     | 531.3 | ✓ |

see page 27

|      | 543.71 ✓ |       |   |
|------|----------|-------|---|
| 8+80 |          |       |   |
| 10'N | 6.2      | 537.5 | ✓ |
| 20'N | 6.5      | 537.2 | ✓ |
| 30'N | 5.5      | 538.2 | ✓ |
| 40'N | 5.0      | 538.7 | ✓ |
| 50'N | 4.6      | 539.1 | ✓ |
| 60'N | 3.8      | 539.9 | ✓ |
| 70'N | 4.0      | 539.7 | ✓ |
| 80'N | 3.2      | 540.5 | ✓ |
| 8+70 | 6.5      | 537.2 | ✓ |
| 10's | 7.4      | 536.3 | ✓ |
| 20's | 8.0      | 535.7 | ✓ |
| 30's | 8.6      | 535.1 | ✓ |
| 40's | 8.8      | 534.9 | ✓ |
| 50's | 9.1      | 534.6 | ✓ |
| 60's | 9.3      | 534.4 | ✓ |
| 70's | 10.0     | 533.7 | ✓ |
| 80's | 10.5     | 533.2 | ✓ |
| 90's | 11.2     | 532.5 | ✓ |

13.

|                                  | 543.71 ✓ |         |
|----------------------------------|----------|---------|
| 8+70                             |          |         |
| 100'S                            | 10.9     | 532.8 ✓ |
| 110'S                            | 11.3     | 532.4 ✓ |
| 120'S <small>see Page 29</small> | 11.8     | 531.9 ✓ |
| 10'N                             | 6.1      | 537.6 ✓ |
| 20'N                             | 6.5      | 537.2 ✓ |
| 30'N                             | 5.2      | 538.5 ✓ |
| 40'N                             | 5.0      | 538.7 ✓ |
| 50'N                             | 4.4      | 539.3 ✓ |
| 60'N                             | 3.4      | 540.3 ✓ |
| 70'N                             | 3.8      | 539.9 ✓ |
| 80'N <small>END</small>          | 3.1      | 540.6 ✓ |
| 8+60                             | 6.4      | 537.3 ✓ |
| 10'S                             | 7.0      | 536.7 ✓ |
| 30'S                             | 7.9      | 535.8 ✓ |
| 30'S                             | 8.3      | 535.4 ✓ |
| 40'S                             | 8.5      | 535.2 ✓ |
| 50'S                             | 8.9      | 534.8 ✓ |
| 60'S                             | 9.1      | 534.6 ✓ |

14.

|                                  | 543.71 ✓ |         |
|----------------------------------|----------|---------|
| 8+60                             |          |         |
| 70'S                             | 9.7      | 534.0 ✓ |
| 80'S                             | 10.3     | 533.4 ✓ |
| 90'S                             | 10.7     | 533.0 ✓ |
| 100'S                            | 10.7     | 533.0 ✓ |
| 110'S                            | 11.1     | 532.6 ✓ |
| 120'S <small>see Page 29</small> | 11.6     | 532.1 ✓ |
| 10'N                             | 6.2      | 537.5 ✓ |
| 20'N                             | 6.5      | 537.2 ✓ |
| 30'N                             | 5.3      | 538.4 ✓ |
| 40'N                             | 4.6      | 539.1 ✓ |
| 50'N                             | 3.9      | 539.8 ✓ |
| 60'N                             | 4.0      | 539.7 ✓ |
| 70'N                             | 3.4      | 540.3 ✓ |
| 80'N                             | 3.1      | 540.6 ✓ |
| 90'N <small>END</small>          | 2.6      | 541.1 ✓ |
| 8+50                             | 6.3      | 537.4 ✓ |
| 10'S                             | 6.8      | 536.9 ✓ |
| 20'S                             | 7.7      | 536.0 ✓ |

|                                  | 543.71 ✓ |       |   |
|----------------------------------|----------|-------|---|
| 8+50                             |          |       |   |
| 30'S                             | 8.1      | 535.6 | ✓ |
| 40'S                             | 8.2      | 535.4 | ✓ |
| 50'S                             | 8.8      | 534.9 | ✓ |
| 60'S                             | 9.0      | 534.7 | ✓ |
| 70'S                             | 9.6      | 534.1 | ✓ |
| 80'S                             | 10.0     | 533.7 | ✓ |
| 90'S                             | 10.5     | 533.2 | ✓ |
| 100'S                            | 10.5     | 533.2 | ✓ |
| 110'S                            | 10.8     | 532.9 | ✓ |
| 120'S <small>see page 30</small> | 11.5     | 532.2 | ✓ |
| 10'N                             | 6.1      | 537.6 | ✓ |
| 20'N                             | 6.4      | 537.3 | ✓ |
| 30'N                             | 5.3      | 538.4 | ✓ |
| 40'N                             | 4.6      | 539.1 | ✓ |
| 50'N                             | 4.1      | 539.6 | ✓ |
| 60'N                             | 3.9      | 539.8 | ✓ |
| 70'N                             | 3.8      | 539.9 | ✓ |
| 80'N                             | 3.1      | 540.6 | ✓ |

|                                  | 543.71 ✓ |       |   |
|----------------------------------|----------|-------|---|
| 8+50                             |          |       |   |
| 90'N                             | 2.6      | 541.1 | ✓ |
| 100'N                            | 2.1      | 541.6 | ✓ |
| 110'N END                        | 1.5      | 542.2 | ✓ |
| 8+40                             | 6.3      | 537.4 | ✓ |
| 10'S                             | 6.5      | 537.2 | ✓ |
| 20'S                             | 7.6      | 536.1 | ✓ |
| 30'S                             | 8.0      | 535.7 | ✓ |
| 40'S                             | 8.3      | 535.4 | ✓ |
| 50'S                             | 8.7      | 535.0 | ✓ |
| 60'S                             | 8.9      | 534.8 | ✓ |
| 70'S                             | 9.5      | 534.2 | ✓ |
| 80'S                             | 9.9      | 533.8 | ✓ |
| 90'S                             | 10.4     | 533.3 | ✓ |
| 100'S                            | 10.4     | 533.3 | ✓ |
| 110'S                            | 11.0     | 532.7 | ✓ |
| 120'S <small>see page 31</small> | 11.4     | 532.3 | ✓ |
| 10'N                             | 6.1      | 537.6 | ✓ |
| 20'N                             | 6.3      | 537.4 | ✓ |

|           | 543.71 ✓ |       |   |
|-----------|----------|-------|---|
| 8+40      |          |       |   |
| 30'N      | 5.4      | 538.3 | ✓ |
| 40'N      | 4.4      | 539.3 | ✓ |
| 50'N      | 4.1      | 539.6 | ✓ |
| 60'N      | 4.0      | 539.7 | ✓ |
| 70'N      | 3.6      | 540.1 | ✓ |
| 80'N      | 3.3      | 540.4 | - |
| 90'N      | 3.0      | 540.7 | - |
| 100'N     | 2.6      | 541.1 | ✓ |
| 110'N     | 2.2      | 541.5 | ✓ |
| 120'N END | 1.9      | 541.8 | ✓ |
| 8+30      | 6.2      | 537.5 | ✓ |
| 10'S      | 6.7      | 537.0 | - |
| 20'S      | 7.3      | 536.4 | - |
| 30'S      | 7.8      | 535.9 | ✓ |
| 40'S      | 8.0      | 535.7 | ✓ |
| 50'S      | 8.4      | 535.3 | - |
| 60'S      | 8.6      | 535.1 | - |
| 70'S      | 9.2      | 534.5 | ✓ |

|                                  | 543.71 ✓ |       |   |
|----------------------------------|----------|-------|---|
| 8+30                             |          |       |   |
| 80'S                             | 9.5      | 534.2 | ✓ |
| 90'S                             | 10.1     | 533.6 | ✓ |
| 100'S                            | 10.1     | 533.6 | ✓ |
| 110'S                            | 10.6     | 533.1 | ✓ |
| 120'S <small>see page 22</small> | 11.2     | 532.5 | ✓ |
| 10'N                             | 6.0      | 537.7 | - |
| 20'N                             | 6.2      | 537.5 | - |
| 30'N                             | 5.2      | 538.5 | - |
| 40'N                             | 4.6      | 539.1 | ✓ |
| 50'N                             | 4.5      | 539.2 | - |
| 60'N                             | 3.7      | 540.0 | ✓ |
| 70'N                             | 3.4      | 540.3 | - |
| 80'N                             | 3.1      | 540.6 | - |
| 90'N                             | 2.7      | 541.0 | ✓ |
| 100'N                            | 2.4      | 541.3 | ✓ |
| 110'N                            | 2.4      | 541.3 | ✓ |
| 120'N END                        | 1.8      | 541.9 | ✓ |
| 8+20                             | 6.2      | 537.5 | ✓ |

543.71 ✓

|       |      |       |   |
|-------|------|-------|---|
| 8+20  |      |       |   |
| 10'S  | 6.3  | 537.4 | ✓ |
| 20'S  | 7.1  | 536.6 | ✓ |
| 30'S  | 7.5  | 536.2 | ✓ |
| 40'S  | 7.6  | 536.1 | ✓ |
| 50'S  | 8.0  | 535.7 | ✓ |
| 60'S  | 8.4  | 535.3 | ✓ |
| 70'S  | 8.9  | 534.8 | ✓ |
| 80'S  | 9.3  | 534.4 | ✓ |
| 90'S  | 9.8  | 533.9 | ✓ |
| 100'S | 10.0 | 533.7 | ✓ |
| 110'S | 10.2 | 533.5 | ✓ |
| 120'S | 10.8 | 532.9 | ✓ |
| 10'N  | 5.9  | 537.8 | ✓ |
| 20'N  | 6.2  | 537.5 | ✓ |
| 30'N  | 4.9  | 538.8 | ✓ |
| 40'N  | 4.4  | 539.3 | ✓ |
| 50'N  | 3.8  | 539.9 | ✓ |
| 60'N  | 3.4  | 540.3 | ✓ |

see page 53

543.71 ✓

|       |     |       |   |
|-------|-----|-------|---|
| 8+20  |     |       |   |
| 70'N  | 3.4 | 540.3 | ✓ |
| 80'N  | 2.7 | 541.0 | ✓ |
| 90'N  | 1.8 | 541.9 | ✓ |
| 100'N | 2.4 | 541.3 | ✓ |
| 110'N | 1.9 | 541.8 | ✓ |
| 120'N | 1.6 | 542.1 | ✓ |
| 8+10  | 6.1 | 537.6 | ✓ |
| 10'S  | 6.5 | 537.2 | ✓ |
| 20'S  | 6.8 | 536.9 | ✓ |
| 30'S  | 7.1 | 536.6 | ✓ |
| 40'S  | 7.2 | 536.5 | ✓ |
| 50'S  | 7.6 | 536.1 | ✓ |
| 60'S  | 8.3 | 535.4 | ✓ |
| 70'S  | 8.4 | 535.3 | ✓ |
| 80'S  | 8.9 | 534.8 | ✓ |
| 90'S  | 9.6 | 534.1 | ✓ |
| 100'S | 9.6 | 534.1 | ✓ |
| 110'S | 9.6 | 534.1 | ✓ |

21.

|                                  | 543.71 ✓ |       |   |
|----------------------------------|----------|-------|---|
| 8+16                             |          |       |   |
| 120'S <small>see page 24</small> | 10.4     | 533.3 | ✓ |
| 10'N                             | 5.8      | 537.9 | ✓ |
| 20'N                             | 6.1      | 537.6 | ✓ |
| 30'N                             | 4.8      | 538.9 | ✓ |
| 40'N                             | 4.2      | 539.5 | ✓ |
| 50'N                             | 4.2      | 539.5 | ✓ |
| 60'N                             | 3.7      | 540.0 | ✓ |
| 70'N                             | 2.6      | 540.1 | ✓ |
| 80'N                             | 3.0      | 540.7 | ✓ |
| 90'N                             | 2.6      | 541.1 | ✓ |
| 100'N                            | 2.4      | 541.3 | ✓ |
| 110'N                            | 1.9      | 541.8 | ✓ |
| 120'N <small>END</small>         | 1.5      | 542.2 | ✓ |
| 8+06                             | 6.0      | 537.7 | ✓ |
| 10's                             | 6.3      | 537.4 | ✓ |
| 20's                             | 6.7      | 537.0 | ✓ |
| 30's                             | 6.9      | 536.8 | ✓ |
| 40's                             | 7.0      | 536.7 | ✓ |

22.

|                                  | 543.71 ✓ |       |   |
|----------------------------------|----------|-------|---|
| 8+00                             |          |       |   |
| 50'S                             | 7.6      | 536.1 | ✓ |
| 60'S                             | 7.8      | 535.9 | ✓ |
| 70'S                             | 8.1      | 535.6 | ✓ |
| 80'S                             | 8.4      | 535.3 | ✓ |
| 90'S                             | 9.2      | 534.2 | ✓ |
| 100'S                            | 9.4      | 534.3 | ✓ |
| 110'S                            | 9.6      | 534.1 | ✓ |
| 120'S <small>see page 35</small> | 10.3     | 533.4 | ✓ |
| 10'N                             | 5.8      | 537.9 | ✓ |
| 20'N                             | 5.9      | 537.8 | ✓ |
| 30'N                             | 4.7      | 539.0 | ✓ |
| 40'N                             | 3.9      | 539.8 | ✓ |
| 50'N                             | 3.9      | 539.8 | ✓ |
| 60'N                             | 3.5      | 540.2 | ✓ |
| 70'N                             | 3.1      | 540.6 | ✓ |
| 80'N                             | 2.5      | 541.2 | ✓ |
| 90'N                             | 1.8      | 541.9 | ✓ |
| 100'N                            | 1.8      | 541.9 | ✓ |

23

|       |             |      |         |
|-------|-------------|------|---------|
| 8+00  | 543.71 ✓    |      |         |
| 110'N |             | 1.6  | 542.1 ✓ |
| 120'N | END         | 1.0  | 542.7 ✓ |
| 7+90  |             | 5.8  | 537.9 ✓ |
| 10'S  |             | 5.7  | 538.0 ✓ |
| 20'S  |             | 6.4  | 537.3 ✓ |
| 30'S  |             | 6.7  | 537.0 ✓ |
| 40'S  |             | 7.0  | 536.7 ✓ |
| 50'S  |             | 7.3  | 536.4 ✓ |
| 60'S  |             | 7.5  | 536.2 ✓ |
| 70'S  |             | 8.0  | 535.7 ✓ |
| 80'S  |             | 8.2  | 535.5 ✓ |
| 90'S  |             | 9.1  | 534.6 ✓ |
| 100'S |             | 9.1  | 534.6 ✓ |
| 110'S |             | 9.4  | 534.3 ✓ |
| 120'S | see page 36 | 10.2 | 533.5 ✓ |
| 10'N  |             | 5.5  | 538.2 ✓ |
| 20'N  |             | 5.7  | 538.0 ✓ |
| 30'N  |             | 4.7  | 539.0 ✓ |

24.

|       |          |     |         |
|-------|----------|-----|---------|
| 7+90  | 543.71 ✓ |     |         |
| 40'N  |          | 3.9 | 539.8 ✓ |
| 50'N  |          | 3.4 | 540.3 ✓ |
| 60'N  |          | 2.8 | 540.9 ✓ |
| 70'N  |          | 3.0 | 540.7 ✓ |
| 80'N  |          | 2.4 | 541.3 ✓ |
| 90'N  |          | 1.7 | 542.0 ✓ |
| 100'N |          | 1.6 | 542.1 ✓ |
| 110'N |          | 1.3 | 542.4 ✓ |
| 120'N | END      | 1.1 | 542.6 ✓ |
| 7+80  |          | 5.6 | 538.1 ✓ |
| 10'S  |          | 6.0 | 537.7 ✓ |
| 20'S  |          | 6.2 | 537.5 ✓ |
| 30'S  |          | 6.5 | 537.2 ✓ |
| 40'S  |          | 6.8 | 536.9 ✓ |
| 50'S  |          | 7.2 | 536.5 ✓ |
| 60'S  |          | 7.4 | 536.3 ✓ |
| 70'S  |          | 7.9 | 535.8 ✓ |
| 80'S  |          | 8.3 | 535.4 ✓ |

|       |             |        |                |
|-------|-------------|--------|----------------|
| 7780  | 543.71 ✓    |        |                |
| 90'S  |             | 8.9    | 534.8 ✓        |
| 100'S |             | 8.9    | 534.8 ✓        |
| 110'S |             | 9.2    | 534.5 ✓        |
| 120'S | see page 27 | 10.0   | 533.7 ✓        |
| 10'N  |             | 5.3    | 538.4 ✓        |
| 20'N  |             | 5.4    | 538.3 ✓        |
| 30'N  |             | 4.2    | 539.5 ✓        |
| 40'N  |             | 3.6    | 540.1 ✓        |
| 50'N  |             | 3.3    | 540.4 ✓        |
| 60'N  |             | 3.1    | 540.6 ✓        |
| 70'N  |             | 2.5    | 541.2 ✓        |
| 80'N  |             | 1.8    | 541.9 ✓        |
| 90'N  |             | 1.8    | 541.9 ✓        |
| 100'N |             | 1.5    | 542.2 ✓        |
| 110'N |             | 1.4    | 542.3 ✓        |
| 120'N | END         | 1.0    | 542.7 ✓        |
| TP.   | 1.91        | 532.95 | 12.67 531.04 ✓ |

|       |          |     |         |
|-------|----------|-----|---------|
| 9720  | 532.95 ✓ |     |         |
| 130'S |          | 2.9 | 530.1 ✓ |
| 140'S |          | 3.5 | 529.5 ✓ |
| 150'S |          | 3.8 | 529.2 ✓ |
| 160'S |          | 4.1 | 528.9 ✓ |
| 170'S |          | 4.3 | 528.7 ✓ |
| 180'S |          | 4.7 | 528.3 ✓ |
| 190'S |          | 5.2 | 527.8 ✓ |
| 200'S |          | 5.3 | 527.7 ✓ |
| 210'S |          | 5.9 | 527.1 ✓ |
| 220'S | END      | 6.6 | 526.4 ✓ |
| 9710  |          |     |         |
| 130'S |          | 2.8 | 530.2 ✓ |
| 140'S |          | 3.3 | 529.7 ✓ |
| 150'S |          | 3.7 | 529.3 ✓ |
| 160'S |          | 4.0 | 529.0 ✓ |
| 170'S |          | 4.2 | 528.8 ✓ |
| 180'S |          | 4.5 | 528.5 ✓ |
| 190'S |          | 4.8 | 528.2 ✓ |
| 200'S |          | 5.3 | 527.7 ✓ |



|                          | 532.95 ✓ |       |   |
|--------------------------|----------|-------|---|
| 9+10                     |          |       |   |
| 210'S                    | 5.8      | 527.2 | ✓ |
| 220'S                    | 6.3      | 526.7 | ✓ |
| 230'S                    | 6.6      | 526.4 | ✓ |
| 240'S <small>END</small> | 7.0      | 526.0 | ✓ |
| 9+00                     |          |       |   |
| 130'S                    | 2.6      | 530.4 | ✓ |
| 140'S                    | 3.1      | 529.9 | ✓ |
| 150'S                    | 3.6      | 529.4 | ✓ |
| 160'S                    | 3.8      | 529.2 | ✓ |
| 170'S                    | 4.0      | 529.0 | ✓ |
| 180'S                    | 4.2      | 528.8 | ✓ |
| 190'S                    | 4.6      | 528.4 | ✓ |
| 200'S                    | 5.1      | 527.9 | ✓ |
| 210'S                    | 5.6      | 527.4 | ✓ |
| 220'S                    | 6.1      | 526.9 | ✓ |
| 230'S                    | 6.3      | 526.7 | ✓ |
| 240'S <small>END</small> | 6.8      | 526.2 | ✓ |
| 8+90                     |          |       |   |
| 130'S                    | 2.3      | 530.7 | ✓ |
| 140'S                    | 2.8      | 530.2 | ✓ |

|                          | 532.95 ✓ |       |   |
|--------------------------|----------|-------|---|
| 8+90                     |          |       |   |
| 150'S                    | 3.1      | 529.9 | ✓ |
| 160'S                    | 3.6      | 529.4 | ✓ |
| 170'S                    | 3.7      | 529.3 | ✓ |
| 180'S                    | 3.8      | 529.2 | ✓ |
| 190'S                    | 4.2      | 528.8 | ✓ |
| 200'S                    | 4.8      | 528.2 | ✓ |
| 210'S                    | 5.4      | 527.6 | ✓ |
| 220'S                    | 5.8      | 527.2 | ✓ |
| 230'S                    | 6.0      | 527.0 | ✓ |
| 240'S <small>END</small> | 6.5      | 526.5 | ✓ |
| 8+80                     |          |       |   |
| 130'S                    | 1.9      | 531.1 | ✓ |
| 140'S                    | 2.5      | 530.5 | ✓ |
| 150'S                    | 3.0      | 530.0 | ✓ |
| 160'S                    | 3.3      | 529.7 | ✓ |
| 170'S                    | 3.7      | 529.3 | ✓ |
| 180'S                    | 3.6      | 529.4 | ✓ |
| 190'S                    | 4.2      | 528.8 | ✓ |
| 200'S                    | 4.7      | 528.3 | ✓ |

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|           |          |       |   |
|-----------|----------|-------|---|
|           | 532.95 ✓ |       |   |
| 8+80      |          |       |   |
| 210's     | 5.2      | 527.8 | ✓ |
| 220's     | 5.6      | 527.4 | ✓ |
| 230's     | 5.9      | 527.1 | ✓ |
| 240's END | 6.3      | 526.7 | ✓ |
| 8+70      |          |       |   |
| 130's     | 1.6      | 531.4 | ✓ |
| 140's     | 2.1      | 530.9 | ✓ |
| 150's     | 2.5      | 530.5 | ✓ |
| 160's     | 3.1      | 529.9 | ✓ |
| 170's     | 3.2      | 529.8 | ✓ |
| 180's     | 3.4      | 529.6 | ✓ |
| 190's     | 3.9      | 529.1 | ✓ |
| 200's     | 4.5      | 528.5 | ✓ |
| 210's     | 4.8      | 528.2 | ✓ |
| 220's     | 5.2      | 527.8 | ✓ |
| 230's     | 5.5      | 527.5 | ✓ |
| 240's END | 6.2      | 526.8 | ✓ |
| 8+60      |          |       |   |
| 130's     | 1.3      | 531.7 | ✓ |
| 140's     | 1.9      | 531.1 | ✓ |

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|       |          |       |   |
|-------|----------|-------|---|
|       | 532.95 ✓ |       |   |
| 8+60  |          |       |   |
| 150's | 2.2      | 530.8 | ✓ |
| 160's | 2.7      | 530.3 | ✓ |
| 170's | 2.7      | 530.3 | ✓ |
| 180's | 3.0      | 530.0 | ✓ |
| 190's | 3.4      | 529.6 | ✓ |
| 200's | 4.0      | 529.0 | ✓ |
| 210's | 4.4      | 528.6 | ✓ |
| 220's | 4.9      | 528.1 | ✓ |
| 230's | 5.4      | 527.6 | ✓ |
| 240's | 5.8      | 527.2 | ✓ |
| 250's | 6.3      | 526.7 | ✓ |
| 260's | 6.8      | 526.2 | ✓ |
| 270's | 7.2      | 525.8 | ✓ |
| 280's | 7.7      | 525.3 | ✓ |
| 8+50  |          |       |   |
| 130's | 1.2      | 531.8 | ✓ |
| 140's | 1.7      | 531.3 | ✓ |
| 150's | 2.1      | 530.9 | ✓ |
| 160's | 2.4      | 530.6 | ✓ |

|       | 532.95 ✓ |       |   |
|-------|----------|-------|---|
| 8+50  |          |       |   |
| 170's | 2.4      | 530.6 | ✓ |
| 180's | 2.6      | 530.4 | ✓ |
| 190's | 3.2      | 529.8 | ✓ |
| 200's | 3.8      | 529.2 | ✓ |
| 210's | 4.1      | 528.9 | ✓ |
| 220's | 4.5      | 528.5 | ✓ |
| 230's | 4.8      | 528.2 | ✓ |
| 240's | 5.5      | 527.5 | ✓ |
| 250's | 5.8      | 527.2 | ✓ |
| 260's | 6.4      | 526.6 | ✓ |
| 270's | 6.9      | 526.1 | ✓ |
| 280's | 7.4      | 525.6 | ✓ |
| 8+40  |          |       |   |
| 130's | 1.1      | 531.9 | ✓ |
| 140's | 1.3      | 531.7 | ✓ |
| 150's | 1.9      | 531.1 | ✓ |
| 160's | 2.2      | 530.8 | ✓ |
| 170's | 2.3      | 530.7 | ✓ |
| 180's | 2.6      | 530.4 | ✓ |

|       | 532.95 ✓ |       |   |
|-------|----------|-------|---|
| 8+40  |          |       |   |
| 190's | 3.1      | 529.9 | ✓ |
| 200's | 3.6      | 529.4 | ✓ |
| 210's | 4.0      | 529.0 | ✓ |
| 220's | 4.3      | 528.7 | ✓ |
| 230's | 4.6      | 528.4 | ✓ |
| 240's | 5.2      | 527.8 | ✓ |
| 250's | 5.6      | 527.4 | ✓ |
| 260's | 6.1      | 526.9 | ✓ |
| 270's | 6.8      | 526.2 | ✓ |
| 280's | 7.2      | 525.8 | ✓ |
| 8+30  |          |       |   |
| 130's | 0.6      | 532.4 | ✓ |
| 140's | 0.9      | 532.1 | ✓ |
| 150's | 1.5      | 531.5 | ✓ |
| 160's | 1.9      | 531.1 | ✓ |
| 170's | 2.1      | 530.9 | ✓ |
| 180's | 2.5      | 530.5 | ✓ |
| 190's | 2.9      | 530.1 | ✓ |
| 200's | 3.4      | 529.6 | ✓ |

|                        |          |       |   |
|------------------------|----------|-------|---|
| 8+30                   | 532.95 ✓ |       |   |
| 210'S                  | 3.9      | 529.1 | ✓ |
| 220'S                  | 4.1      | 528.9 | ✓ |
| 230'S                  | 4.3      | 528.7 | ✓ |
| 240'S                  | 4.8      | 528.2 | ✓ |
| 250'S                  | 5.4      | 527.6 | ✓ |
| 260'S                  | 5.9      | 527.1 | ✓ |
| 270'S                  | 6.4      | 526.6 | ✓ |
| 280'S<br>8+20<br>130'S | 7.0      | 526.0 | ✓ |
| 140'S                  | 0.4      | 532.6 | ✓ |
| 150'S                  | 0.8      | 532.2 | ✓ |
| 160'S                  | 1.5      | 531.5 | ✓ |
| 170'S                  | 1.7      | 531.3 | ✓ |
| 180'S                  | 1.9      | 531.1 | ✓ |
| 190'S                  | 2.3      | 530.7 | ✓ |
| 200'S                  | 2.7      | 530.3 | ✓ |
| 210'S                  | 3.3      | 529.7 | ✓ |
| 220'S                  | 3.6      | 529.4 | ✓ |
| 230'S                  | 4.0      | 529.0 | ✓ |

|                        |          |       |   |
|------------------------|----------|-------|---|
| 8+20                   | 532.95 ✓ |       |   |
| 230'S                  | 4.3      | 528.7 | ✓ |
| 240'S                  | 4.6      | 528.4 | ✓ |
| 250'S                  | 5.2      | 527.8 | ✓ |
| 260'S                  | 5.6      | 527.4 | ✓ |
| 270'S                  | 6.2      | 526.8 | ✓ |
| 280'S<br>8+10<br>130'S | 6.8      | 526.2 | ✓ |
| 140'S                  | 0.3      | 532.7 | ✓ |
| 150'S                  | 0.5      | 532.5 | ✓ |
| 160'S                  | 1.4      | 531.6 | ✓ |
| 170'S                  | 1.5      | 531.5 | ✓ |
| 180'S                  | 1.6      | 531.4 | ✓ |
| 190'S                  | 2.0      | 531.0 | ✓ |
| 200'S                  | 2.5      | 530.5 | ✓ |
| 210'S                  | 3.1      | 529.9 | ✓ |
| 220'S                  | 3.4      | 529.6 | ✓ |
| 230'S                  | 3.7      | 529.3 | ✓ |
| 240'S                  | 4.0      | 529.0 | ✓ |
| 250'S                  | 4.5      | 528.5 | ✓ |

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|               | 532.95 ✓ |       |   |
|---------------|----------|-------|---|
| 8710          |          |       |   |
| 250's         | 5.0      | 528.0 | ✓ |
| 260's         | 5.4      | 527.6 | ✓ |
| 270's         | 6.0      | 527.0 | ✓ |
| 280's         | 6.7      | 526.3 | ✓ |
| 290's         | 7.1      | 525.9 | ✓ |
| 300's         | 7.8      | 525.2 | ✓ |
| 310's         | 8.3      | 524.7 | ✓ |
| 8700<br>130's | 0.1      | 532.9 | ✓ |
| 140's         | 0.1      | 532.9 | ✓ |
| 150's         | 0.8      | 532.2 | ✓ |
| 160's         | 1.3      | 531.7 | ✓ |
| 170's         | 1.3      | 531.7 | ✓ |
| 180's         | 1.7      | 531.3 | ✓ |
| 190's         | 2.2      | 530.8 | ✓ |
| 200's         | 2.9      | 530.1 | ✓ |
| 210's         | 3.1      | 529.9 | ✓ |
| 220's         | 3.5      | 529.5 | ✓ |
| 230's         | 3.9      | 529.1 | ✓ |

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|               | 532.95 ✓ |       |   |
|---------------|----------|-------|---|
| 8700          |          |       |   |
| 240's         | 4.4      | 528.6 | ✓ |
| 250's         | 4.8      | 528.2 | ✓ |
| 260's         | 5.2      | 527.8 | ✓ |
| 270's         | 5.8      | 527.2 | ✓ |
| 280's         | 6.5      | 526.5 | ✓ |
| 290's         | 7.2      | 525.8 | ✓ |
| 300's         | 7.7      | 525.3 | ✓ |
| 310's         | 8.1      | 524.9 | ✓ |
| 320's         | 8.7      | 524.3 | ✓ |
| 7790<br>130's | 0.00     | 533.0 | ✓ |
| 140's         | 0.3      | 532.7 | ✓ |
| 150's         | 0.8      | 532.2 | ✓ |
| 160's         | 1.1      | 531.9 | ✓ |
| 170's         | 1.1      | 531.9 | ✓ |
| 180's         | 1.5      | 531.5 | ✓ |
| 190's         | 2.1      | 530.9 | ✓ |
| 200's         | 2.7      | 530.3 | ✓ |
| 210's         | 3.1      | 529.9 | ✓ |

|               |          |       |   |
|---------------|----------|-------|---|
|               | 532.95 ✓ |       |   |
| 7190          |          |       |   |
| 220's         | 3.4      | 529.6 | ✓ |
| 230's         | 3.8      | 529.2 | ✓ |
| 240's         | 4.3      | 528.7 | ✓ |
| 250's         | 4.6      | 528.4 | ✓ |
| 260's         | 5.1      | 527.9 | ✓ |
| 270's         | 5.7      | 527.3 | ✓ |
| 280's         | 6.4      | 526.6 | ✓ |
| 290's         | 7.0      | 526.0 | ✓ |
| 300's         | 7.4      | 525.6 | ✓ |
| 310's         | 7.9      | 525.1 | ✓ |
| 320's         | 8.2      | 524.8 | ✓ |
| 7+80<br>130's | +1.0     | 534.0 | ✓ |
| 140's         | +0.5     | 533.5 | ✓ |
| 150's         | 0.2      | 532.8 | ✓ |
| 160's         | 1.0      | 532.0 | ✓ |
| 170's         | 1.2      | 531.8 | ✓ |
| 180's         | 1.5      | 531.5 | ✓ |
| 190's         | 2.2      | 530.8 | ✓ |

|       |          |        |               |
|-------|----------|--------|---------------|
|       | 532.95 ✓ |        |               |
| 7+80  |          |        |               |
| 200's | 2.6      | 530.4  | ✓             |
| 210's | 3.1      | 529.9  | ✓             |
| 220's | 3.4      | 529.6  | ✓             |
| 230's | 3.7      | 529.3  | ✓             |
| 240's | 4.1      | 528.9  | ✓             |
| 250's | 4.7      | 528.3  | ✓             |
| 260's | 5.2      | 527.8  | ✓             |
| 280's | 5.7      | 527.3  | ✓             |
| 290's | 6.1      | 526.9  | ✓             |
| 300's | 6.6      | 526.4  | ✓             |
| 310's | 7.2      | 525.8  | ✓             |
| 320's | 7.6      | 525.4  | ✓             |
| 330's | 8.1      | 524.9  | ✓             |
|       |          |        |               |
| T.P.  | 12.77    | 543.80 | 1.92 531.03 ✓ |
|       |          |        |               |
| 7+70  | 5.5      | 538.3  | ✓             |
| 10's  | 5.7      | 538.1  | ✓             |

|       |          |         |
|-------|----------|---------|
| 7+70  | 543.80 ✓ |         |
| 20's  | 6.2      | 537.6 ✓ |
| 30's  | 6.4      | 537.4 ✓ |
| 40's  | 6.5      | 537.3 ✓ |
| 50's  | 7.2      | 36.6 ✓  |
| 60's  | 7.4      | 36.4 ✓  |
| 70's  | 7.8      | 36.0 ✓  |
| 80's  | 8.3      | 35.5 ✓  |
| 90's  | 8.8      | 35.0 ✓  |
| 100's | 8.9      | 34.9 ✓  |
| 110's | 9.1      | 34.7 ✓  |
| 120's | 10.0     | 33.8 ✓  |
| 130's | 10.3     | 33.5 ✓  |
| 140's | 10.7     | 33.1 ✓  |
| 150's | 11.2     | 32.6 ✓  |
| 160's | 11.4     | 32.4 ✓  |
| 170's | 11.8     | 32.0 ✓  |
| 180's | 12.4     | 31.4 ✓  |
| 190's | 12.8     | 31.0 ✓  |

|       |             |              |
|-------|-------------|--------------|
| 7+70  | 543.80      |              |
| 200's | see page 22 | 13.2 530.6 ✓ |
| 10'N  |             | 5.2 38.6 ✓   |
| 20'N  |             | 5.2 38.6 ✓   |
| 30'N  |             | 3.8 40.0 ✓   |
| 40'N  |             | 3.7 40.1 ✓   |
| 50'N  |             | 3.4 40.4 ✓   |
| 60'N  |             | 3.1 40.7 ✓   |
| 70'N  |             | 2.3 41.5 ✓   |
| 80'N  |             | 2.4 41.4 ✓   |
| 90'N  |             | 2.0 41.8 ✓   |
| 100'N |             | 1.8 42.0 ✓   |
| 110'N |             | 1.4 42.4 ✓   |
| 120'N | END         | 1.0 42.8 ✓   |
| 7+60  |             | 5.3 38.5 ✓   |
| 10's  |             | 5.9 37.9 ✓   |
| 20's  |             | 5.9 37.9 ✓   |
| 30's  |             | 6.1 37.7 ✓   |
| 40's  |             | 6.4 37.4 ✓   |

| 7+60  | 543.80 |       |   |
|-------|--------|-------|---|
| 50's  | 6.8    | 537.0 | ✓ |
| 60's  | 7.2    | 36.6  | ✓ |
| 70's  | 7.7    | 36.1  | ✓ |
| 80's  | 8.2    | 35.6  | ✓ |
| 90's  | 8.7    | 35.1  | ✓ |
| 100's | 8.9    | 34.9  | ✓ |
| 110's | 9.0    | 34.8  | ✓ |
| 120's | 9.8    | 34.0  | ✓ |
| 130's | 10.1   | 33.7  | ✓ |
| 140's | 10.5   | 33.3  | ✓ |
| 150's | 10.8   | 33.0  | ✓ |
| 160's | 11.3   | 32.5  | ✓ |
| 170's | 11.7   | 32.1  | ✓ |
| 180's | 12.0   | 31.8  | ✓ |
| 190's | 12.6   | 31.2  | ✓ |
| 200's | 13.1   | 30.7  | ✓ |
| 10'N  | 5.0    | 38.8  | ✓ |
| 20'N  | 5.1    | 38.7  | ✓ |

see page 72

| 7+60  | 543.80 |       |      |
|-------|--------|-------|------|
| 30'N  | 3.8    | 540.0 | ✓    |
| 40'N  | 3.4    | 40.4  | ✓    |
| 50'N  | 3.0    | 40.8  | ✓    |
| 60'N  | 2.6    | 41.2  | ✓    |
| 70'N  | 2.3    | 41.5  | ✓    |
| 80'N  | 1.8    | 42.0  | ✓    |
| 90'N  | 1.4    | 42.4  | ✓    |
| 100'N | 1.3    | 42.5  | ✓    |
| 110'N | 1.1    | 42.7  | ✓    |
| 120'N | END    | 0.7   | 43.1 |
| 7+50  | 5.0    | 38.8  | ✓    |
| 10's  | 5.5    | 38.3  | ✓    |
| 20's  | 5.5    | 38.3  | ✓    |
| 30's  | 5.9    | 37.9  | ✓    |
| 40's  | 6.2    | 37.6  | ✓    |
| 50's  | 6.7    | 37.1  | ✓    |
| 60's  | 7.1    | 36.7  | ✓    |
| 70's  | 7.5    | 36.3  | ✓    |



| 7+50  | 543.80      |      |         |
|-------|-------------|------|---------|
| 80's  |             | 8.2  | 535.6 ✓ |
| 90's  |             | 8.5  | 35.3 ✓  |
| 100's |             | 8.5  | 35.3 ✓  |
| 110's |             | 8.7  | 35.1 ✓  |
| 120's |             | 9.5  | 34.3 ✓  |
| 130's |             | 9.7  | 34.1 ✓  |
| 140's |             | 10.1 | 33.7 ✓  |
| 150's |             | 10.2 | 33.6 ✓  |
| 160's |             | 10.9 | 32.9 ✓  |
| 170's |             | 11.4 | 32.4 ✓  |
| 180's |             | 11.8 | 32.0 ✓  |
| 190's |             | 12.4 | 31.4 ✓  |
| 200's | See Page 73 | 13.0 | 30.8 ✓  |
| 10'N  |             | 4.8  | 39.0 ✓  |
| 20'N  |             | 5.0  | 38.8 ✓  |
| 30'N  |             | 3.4  | 40.4 ✓  |
| 40'N  |             | 3.1  | 40.7 ✓  |
| 50'N  |             | 3.0  | 40.8 ✓  |

| 7+50  | 543.80 |     |         |
|-------|--------|-----|---------|
| 60'N  |        | 2.6 | 541.2 ✓ |
| 70'N  |        | 2.1 | 41.7 ✓  |
| 80'N  |        | 1.9 | 41.9 ✓  |
| 90'N  |        | 1.4 | 42.4 ✓  |
| 100'N | END    | 1.0 | 42.8 ✓  |
| 7+40  |        | 4.8 | 39.0 ✓  |
| 10's  |        | 4.8 | 39.0 ✓  |
| 20's  |        | 5.5 | 38.3 ✓  |
| 30's  |        | 5.7 | 38.1 ✓  |
| 40's  |        | 6.0 | 37.8 ✓  |
| 50's  |        | 6.4 | 37.4 ✓  |
| 60's  |        | 6.9 | 36.9 ✓  |
| 70's  |        | 7.5 | 36.3 ✓  |
| 80's  |        | 8.0 | 35.8 ✓  |
| 90's  |        | 8.3 | 35.5 ✓  |
| 100's |        | 8.5 | 35.3 ✓  |
| 110's |        | 8.5 | 35.3 ✓  |
| 120's |        | 9.2 | 34.6 ✓  |

|       | 543.80 |       |   |
|-------|--------|-------|---|
| 7+40  |        |       |   |
| 130's | 9.7    | 534.1 | ✓ |
| 140's | 9.8    | 34.0  | ✓ |
| 150's | 10.1   | 33.7  | ✓ |
| 160's | 10.5   | 33.3  | ✓ |
| 170's | 11.2   | 32.6  | ✓ |
| 180's | 11.9   | 31.9  | ✓ |
| 190's | 12.3   | 31.5  | ✓ |
| 200's | 12.6   | 31.2  | ✓ |
| 10'N  | 4.6    | 39.2  | ✓ |
| 20'N  | 4.8    | 39.0  | ✓ |
| 30'N  | 3.5    | 40.3  | ✓ |
| 40'N  | 3.2    | 40.6  | ✓ |
| 50'N  | 2.6    | 41.2  | ✓ |
| 60'N  | 2.0    | 41.8  | ✓ |
| 70'N  | 1.8    | 42.0  | ✓ |
| 80'N  | 1.6    | 42.2  | ✓ |
| 90'N  | 1.2    | 42.6  | ✓ |
| 100'N | 0.8    | 43.0  | ✓ |

see page 74

END

|       | 543.80 |       |   |
|-------|--------|-------|---|
| 7+30  | 4.5    | 539.3 | ✓ |
| 10's  | 5.2    | 38.6  | ✓ |
| 20's  | 5.3    | 38.5  | ✓ |
| 30's  | 5.6    | 38.2  | ✓ |
| 40's  | 5.9    | 37.9  | ✓ |
| 50's  | 6.3    | 37.5  | ✓ |
| 60's  | 6.6    | 37.2  | ✓ |
| 70's  | 7.1    | 36.7  | ✓ |
| 80's  | 7.6    | 36.2  | ✓ |
| 90's  | 8.1    | 35.7  | ✓ |
| 100's | 8.2    | 35.6  | ✓ |
| 110's | 8.2    | 35.6  | ✓ |
| 120's | 8.9    | 34.9  | ✓ |
| 130's | 9.4    | 34.4  | ✓ |
| 140's | 9.6    | 34.2  | ✓ |
| 150's | 9.8    | 34.0  | ✓ |
| 160's | 10.5   | 33.3  | ✓ |
| 170's | 11.0   | 32.8  | ✓ |

|       |             |      |         |
|-------|-------------|------|---------|
| 7+30  | 543.80      |      |         |
| 180'S |             | 11.5 | 532.3 ✓ |
| 190'S |             | 11.7 | 32.1 ✓  |
| 200'S | See page 75 | 12.4 | 31.4 ✓  |
| 10'N  |             | 4.4  | 39.4 ✓  |
| 20'N  |             | 4.6  | 39.2 ✓  |
| 30'N  |             | 3.5  | 40.3 ✓  |
| 40'N  |             | 3.1  | 40.7 ✓  |
| 50'N  |             | 2.9  | 40.9 ✓  |
| 60'N  |             | 1.9  | 41.9 ✓  |
| 70'N  |             | 1.8  | 42.0 ✓  |
| 80'N  |             | 1.5  | 42.3 ✓  |
| 90'N  |             | 1.5  | 42.3 ✓  |
| 100'N | END         | 1.5  | 42.3 ✓  |
| 7+20  |             | 4.3  | 39.5 ✓  |
| 10'S  |             | 4.6  | 39.2 ✓  |
| 20'S  |             | 5.2  | 38.6 ✓  |
| 30'S  |             | 5.6  | 38.2 ✓  |
| 40'S  |             | 5.9  | 37.9 ✓  |

|       |             |      |         |
|-------|-------------|------|---------|
| 7+20  | 543.80      |      |         |
| 50'S  |             | 6.1  | 537.7 ✓ |
| 60'S  |             | 6.5  | 37.3 ✓  |
| 70'S  |             | 7.0  | 36.8 ✓  |
| 80'S  |             | 7.4  | 36.4 ✓  |
| 90'S  |             | 7.9  | 35.9 ✓  |
| 100'S |             | 8.1  | 35.7 ✓  |
| 110'S |             | 7.9  | 35.9 ✓  |
| 120'S |             | 8.7  | 35.1 ✓  |
| 130'S |             | 9.3  | 34.5 ✓  |
| 140'S |             | 9.6  | 34.2 ✓  |
| 150'S |             | 9.9  | 33.9 ✓  |
| 160'S |             | 10.8 | 33.0 ✓  |
| 170'S |             | 11.0 | 32.8 ✓  |
| 180'S |             | 11.3 | 32.5 ✓  |
| 190'S |             | 11.4 | 32.4 ✓  |
| 200'S | See page 75 | 12.1 | 31.7 ✓  |
| 10'N  |             | 4.3  | 39.5 ✓  |
| 20'N  |             | 4.4  | 39.4 ✓  |

|       |        |       |      |
|-------|--------|-------|------|
|       | 543.80 |       |      |
| 7+20  |        |       |      |
| 30'N  | 3.1    | 540.7 | ✓    |
| 40'N  | 2.5    | 41.3  | ✓    |
| 50'N  | 2.0    | 41.8  | ✓    |
| 60'N  | 2.0    | 41.8  | ✓    |
| 70'N  | 1.5    | 42.3  | ✓    |
| 80'N  | 1.0    | 42.8  | ✓    |
| 90'N  | 0.5    | 43.3  | ✓    |
| 100'N | END    | 0.5   | 43.3 |
| 7+10  | 4.2    | 39.6  | ✓    |
| 10's  | 4.5    | 39.3  | ✓    |
| 20's  | 5.1    | 38.7  | ✓    |
| 30's  | 5.4    | 38.4  | ✓    |
| 40's  | 5.8    | 38.0  | ✓    |
| 50's  | 6.1    | 37.7  | ✓    |
| 60's  | 6.5    | 37.3  | ✓    |
| 70's  | 7.0    | 36.8  | ✓    |
| 80's  | 7.6    | 36.2  | ✓    |
| 90's  | 7.7    | 36.1  | ✓    |

|       |        |       |   |
|-------|--------|-------|---|
|       | 543.80 |       |   |
| 7+10  |        |       |   |
| 100's | 7.8    | 536.0 | ✓ |
| 110's | 7.8    | 36.0  | ✓ |
| 120's | 8.4    | 35.4  | ✓ |
| 130's | 9.1    | 34.7  | ✓ |
| 140's | 9.4    | 34.4  | ✓ |
| 150's | 9.8    | 34.0  | ✓ |
| 160's | 10.3   | 33.5  | ✓ |
| 170's | 10.8   | 33.0  | ✓ |
| 180's | 11.3   | 32.5  | ✓ |
| 190's | 11.8   | 32.0  | ✓ |
| 200's | 12.2   | 31.6  | ✓ |
| 10'N  | 4.0    | 39.8  | ✓ |
| 20'N  | 4.3    | 39.5  | ✓ |
| 30'N  | 2.9    | 40.9  | ✓ |
| 40'N  | 2.1    | 41.7  | ✓ |
| 50'N  | 1.9    | 41.9  | ✓ |
| 60'N  | 1.4    | 42.4  | ✓ |
| 70'N  | 1.1    | 42.7  | ✓ |

|       |        |     |         |
|-------|--------|-----|---------|
| 7+10  | 543.80 |     |         |
| 80'N  |        | 0.6 | 543.2 ✓ |
| 90'N  |        | 0.6 | 43.2 ✓  |
| 100'N | END    | 0.1 | 43.7 ✓  |
| 7+00  |        | 3.9 | 39.9 ✓  |
| 10'S  |        | 4.5 | 39.3 ✓  |
| 20'S  |        | 4.9 | 38.9 ✓  |
| 30'S  |        | 5.2 | 38.6 ✓  |
| 40'S  |        | 5.6 | 38.2 ✓  |
| 50'S  |        | 6.0 | 37.8 ✓  |
| 60'S  |        | 6.3 | 37.5 ✓  |
| 70'S  |        | 6.8 | 37.0 ✓  |
| 80'S  |        | 7.3 | 36.5 ✓  |
| 90'S  |        | 7.6 | 36.2 ✓  |
| 100'S |        | 7.8 | 36.0 ✓  |
| 110'S |        | 7.7 | 36.1 ✓  |
| 120'S |        | 8.4 | 35.4 ✓  |
| 130'S |        | 8.7 | 35.1 ✓  |
| 140'S |        | 9.2 | 34.6 ✓  |

|       |             |      |         |
|-------|-------------|------|---------|
| 7+00  | 543.80      |      |         |
| 150'S |             | 9.7  | 534.1 ✓ |
| 160'S |             | 10.4 | 33.4 ✓  |
| 170'S |             | 10.7 | 33.1 ✓  |
| 180'S |             | 11.3 | 32.5 ✓  |
| 190'S |             | 11.8 | 32.0 ✓  |
| 200'S | see page 78 | 12.2 | 31.6 ✓  |
| 10'N  |             | 3.9  | 39.9 ✓  |
| 20'N  |             | 4.2  | 39.6 ✓  |
| 30'N  |             | 3.1  | 40.7 ✓  |
| 40'N  |             | 1.5  | 42.3 ✓  |
| 50'N  |             | 1.7  | 42.1 ✓  |
| 60'N  |             | 1.5  | 42.3 ✓  |
| 70'N  |             | 1.5  | 42.3 ✓  |
| 80'N  |             | 1.3  | 42.5 ✓  |
| 90'N  |             | 1.0  | 42.8 ✓  |
| 100'N | END         | 0.00 | 43.8 ✓  |
| 6+90  |             | 3.7  | 40.1 ✓  |
| 10'S  |             | 3.8  | 40.0 ✓  |

|       | 543.80 |       |   |
|-------|--------|-------|---|
| 6+90  |        |       |   |
| 20'S  | 4.7    | 539.1 | ✓ |
| 30'S  | 5.1    | 38.7  | ✓ |
| 40'S  | 5.4    | 38.4  | ✓ |
| 50'S  | 5.8    | 38.0  | ✓ |
| 60'S  | 6.0    | 37.8  | ✓ |
| 70'S  | 6.5    | 37.3  | ✓ |
| 80'S  | 7.2    | 36.6  | ✓ |
| 90'S  | 7.2    | 36.6  | ✓ |
| 100'S | 7.6    | 36.2  | ✓ |
| 110'S | 7.7    | 36.1  | ✓ |
| 120'S | 8.3    | 35.5  | ✓ |
| 130'S | 8.8    | 35.0  | ✓ |
| 140'S | 8.9    | 34.9  | ✓ |
| 150'S | 9.6    | 34.2  | ✓ |
| 160'S | 10.2   | 33.6  | ✓ |
| 170'S | 10.2   | 33.6  | ✓ |
| 180'S | 11.0   | 32.8  | ✓ |
| 190'S | 11.5   | 32.3  | ✓ |

|       | 543.80      |      |         |
|-------|-------------|------|---------|
| 6+90  |             |      |         |
| 200'S | See page 28 | 11.9 | 531.9 ✓ |
| 10'N  |             | 3.6  | 40.2 ✓  |
| 20'N  |             | 3.9  | 39.9 ✓  |
| 30'N  |             | 3.0  | 40.8 ✓  |
| 40'N  |             | 1.4  | 42.4 ✓  |
| 50'N  |             | 1.5  | 42.3 ✓  |
| 60'N  |             | 1.3  | 42.5 ✓  |
| 70'N  |             | 0.9  | 42.9 ✓  |
| 80'N  |             | 0.4  | 43.4 ✓  |
| 90'N  |             | 0.1  | 43.7 ✓  |
| 100'N | END         | 0.1  | 43.7 ✓  |
| 6+80  |             | 3.5  | 40.3 ✓  |
| 10'S  |             | 3.9  | 39.9 ✓  |
| 20'S  |             | 4.4  | 39.4 ✓  |
| 30'S  |             | 4.8  | 39.0 ✓  |
| 40'S  |             | 5.2  | 38.6 ✓  |
| 50'S  |             | 5.6  | 38.2 ✓  |
| 60'S  |             | 5.9  | 37.9 ✓  |

|       | 543.80      |      |         |
|-------|-------------|------|---------|
| 6+80  |             |      |         |
| 70's  |             | 6.4  | 537.4 ✓ |
| 80's  |             | 6.8  | 37.0 ✓  |
| 90's  |             | 7.0  | 36.8 ✓  |
| 100's |             | 7.4  | 36.4 ✓  |
| 110's |             | 7.6  | 36.2 ✓  |
| 120's |             | 8.2  | 35.6 ✓  |
| 130's |             | 8.5  | 35.3 ✓  |
| 140's |             | 9.0  | 34.8 ✓  |
| 150's |             | 9.4  | 34.4 ✓  |
| 160's |             | 10.1 | 33.7 ✓  |
| 170's |             | 10.3 | 33.5 ✓  |
| 180's |             | 10.9 | 32.9 ✓  |
| 190's |             | 11.4 | 32.4 ✓  |
| 200's | see page 79 | 11.7 | 32.1 ✓  |
| 10'N  |             | 3.5  | 40.3 ✓  |
| 20'N  |             | 3.7  | 40.1 ✓  |
| 30'N  |             | 2.7  | 41.1 ✓  |
| 40'N  |             | 1.7  | 42.1 ✓  |

|       | 543.80 |      |         |
|-------|--------|------|---------|
| 6+80  |        |      |         |
| 50'N  |        | 1.6  | 542.2 ✓ |
| 60'N  |        | 0.2  | 43.6 ✓  |
| 70'N  |        | +0.3 | 44.1 ✓  |
| 80'N  |        | +0.4 | 44.2 ✓  |
| 90'N  |        | +0.7 | 44.5 ✓  |
| 100'N | FAO    | +0.7 | 44.5 ✓  |
| 6+70  |        | 3.3  | 40.5 ✓  |
| 10's  |        | 3.5  | 40.3 ✓  |
| 20's  |        | 4.4  | 39.4 ✓  |
| 30's  |        | 4.7  | 39.1 ✓  |
| 40's  |        | 5.2  | 38.6 ✓  |
| 50's  |        | 5.5  | 38.3 ✓  |
| 60's  |        | 5.8  | 38.0 ✓  |
| 70's  |        | 6.2  | 37.6 ✓  |
| 80's  |        | 6.3  | 37.5 ✓  |
| 90's  |        | 6.9  | 36.9 ✓  |
| 100's |        | 7.3  | 36.5 ✓  |
| 110's |        | 7.6  | 36.2 ✓  |

|       | 543.80      |      |         |
|-------|-------------|------|---------|
| 6+70  |             |      |         |
| 120'S |             | 8.2  | 535.6 ✓ |
| 130'S |             | 8.5  | 35.3 ✓  |
| 140'S |             | 8.8  | 35.0 ✓  |
| 150'S |             | 9.2  | 34.6 ✓  |
| 160'S |             | 9.9  | 33.9 ✓  |
| 170'S |             | 10.3 | 33.5 ✓  |
| 180'S |             | 10.7 | 33.1 ✓  |
| 190'S |             | 10.8 | 33.0 ✓  |
| 200'S | See page 20 | 11.8 | 32.0 ✓  |
| 10'N  |             | 3.2  | 40.5 ✓  |
| 20'N  |             | 3.4  | 40.4 ✓  |
| 30'N  |             | 1.7  | 42.1 ✓  |
| 40'N  |             | 1.4  | 42.4 ✓  |
| 50'N  |             | 1.3  | 42.5 ✓  |
| 60'N  |             | 0.7  | 43.1 ✓  |
| 70'N  |             | 0.1  | 43.7 ✓  |
| 80'N  |             | 0.00 | 43.8 ✓  |
| 90'N  |             | +0.3 | 44.1 ✓  |

|       | 543.80 |      |         |
|-------|--------|------|---------|
| 6+70  |        |      |         |
| 100'N | END    | +0.4 | 544.2 ✓ |
| 6+60  |        | 3.1  | 40.7 ✓  |
| 10'S  |        | 3.4  | 40.4 ✓  |
| 20'S  |        | 4.2  | 39.6 ✓  |
| 30'S  |        | 4.8  | 39.0 ✓  |
| 40'S  |        | 5.1  | 38.7 ✓  |
| 50'S  |        | 5.4  | 38.4 ✓  |
| 60'S  |        | 5.6  | 38.2 ✓  |
| 70'S  |        | 5.8  | 38.0 ✓  |
| 80'S  |        | 6.0  | 37.8 ✓  |
| 90'S  |        | 6.7  | 37.1 ✓  |
| 100'S |        | 7.2  | 36.6 ✓  |
| 110'S |        | 7.4  | 36.4 ✓  |
| 120'S |        | 8.1  | 35.7 ✓  |
| 130'S |        | 8.5  | 35.3 ✓  |
| 140'S |        | 8.8  | 35.0 ✓  |
| 150'S |        | 9.2  | 34.6 ✓  |
| 160'S |        | 9.8  | 34.0 ✓  |



|       |        |       |   |
|-------|--------|-------|---|
| 6+60  | 543.80 |       |   |
| 170's | 10.2   | 533.6 | ✓ |
| 180's | 10.4   | 33.4  | ✓ |
| 190's | 11.2   | 32.6  | ✓ |
| 200's | 11.5   | 32.3  | ✓ |
| 10'N  | 3.0    | 40.8  | ✓ |
| 20'N  | 3.2    | 40.6  | ✓ |
| 30'N  | 1.7    | 42.1  | ✓ |
| 40'N  | 1.4    | 42.4  | ✓ |
| 50'N  | 0.6    | 43.2  | ✓ |
| 60'N  | 0.6    | 43.2  | ✓ |
| 70'N  | 0.2    | 43.6  | ✓ |
| 80'N  | +0.4   | 44.2  | ✓ |
| 90'N  | +1.0   | 44.8  | ✓ |
| 100'N | +1.0   | 44.8  | ✓ |
| 6+50  | 2.9    | 40.9  | ✓ |
| 10's  | 2.9    | 40.9  | ✓ |
| 20's  | 3.8    | 40.0  | ✓ |
| 30's  | 4.5    | 39.3  | ✓ |

|       |        |       |   |
|-------|--------|-------|---|
| 6+50  | 543.80 |       |   |
| 40's  | 4.9    | 538.9 | ✓ |
| 50's  | 5.0    | 38.8  | ✓ |
| 60's  | 5.0    | 38.8  | ✓ |
| 70's  | 5.7    | 38.1  | ✓ |
| 80's  | 6.0    | 37.8  | ✓ |
| 90's  | 6.6    | 37.2  | ✓ |
| 100's | 6.7    | 37.1  | ✓ |
| 110's | 7.4    | 36.4  | ✓ |
| 120's | 7.8    | 36.0  | ✓ |
| 130's | 8.3    | 35.5  | ✓ |
| 140's | 8.8    | 35.0  | ✓ |
| 150's | 9.3    | 34.5  | ✓ |
| 160's | 9.8    | 34.0  | ✓ |
| 170's | 10.0   | 33.8  | ✓ |
| 180's | 10.5   | 33.3  | ✓ |
| 190's | 11.0   | 32.8  | ✓ |
| 200's | 11.3   | 32.5  | ✓ |
| 10'N  | 2.8    | 41.0  | ✓ |

|       | 543.80 |       |   |
|-------|--------|-------|---|
| 6+50  |        |       |   |
| 20'N  | 3.2    | 540.6 | ✓ |
| 30'N  | 1.9    | 41.9  | ✓ |
| 40'N  | 1.9    | 41.9  | ✓ |
| 50'N  | 0.7    | 43.1  | ✓ |
| 60'N  | 0.4    | 43.4  | ✓ |
| 70'N  | +0.1   | 43.9  | ✓ |
| 80'N  | +0.3   | 44.1  | ✓ |
| 90'N  | +0.8   | 44.6  | ✓ |
| 100'N | END    | 44.8  | ✓ |
| 6+40  | 2.8    | 41.0  | ✓ |
| 10's  | 2.8    | 41.0  | ✓ |
| 20's  | 3.7    | 40.1  | ✓ |
| 30's  | 4.3    | 39.5  | ✓ |
| 40's  | 4.5    | 39.3  | ✓ |
| 50's  | 4.8    | 39.0  | ✓ |
| 60's  | 5.0    | 38.8  | ✓ |
| 70's  | 5.4    | 38.4  | ✓ |
| 80's  | 5.8    | 38.0  | ✓ |

|       | 543.80      |       |      |
|-------|-------------|-------|------|
| 6+40  |             |       |      |
| 90's  | 6.3         | 537.5 | ✓    |
| 100's | 6.8         | 37.0  | ✓    |
| 110's | 6.8         | 37.0  | ✓    |
| 120's | 7.3         | 36.5  | ✓    |
| 130's | 8.1         | 35.7  | ✓    |
| 140's | 8.8         | 35.0  | ✓    |
| 150's | 9.2         | 34.6  | ✓    |
| 160's | 9.6         | 34.2  | ✓    |
| 170's | 9.9         | 33.9  | ✓    |
| 180's | 10.4        | 33.4  | ✓    |
| 190's | 10.7        | 33.1  | ✓    |
| 200's | see page 82 | 11.1  | 32.7 |
| 10'N  | 2.7         | 41.1  | ✓    |
| 20'N  | 3.0         | 40.8  | ✓    |
| 30'N  | 2.1         | 41.7  | ✓    |
| 40'N  | 1.6         | 42.2  | ✓    |
| 50'N  | 1.1         | 42.7  | ✓    |
| 60'N  | 0.5         | 43.3  | ✓    |

|       |        |      |                    |
|-------|--------|------|--------------------|
| 6+40  | 543.80 |      |                    |
| 70'N  |        | 0.00 | 543.8 ✓            |
| 80'N  |        | +0.2 | <del>544.0</del> ✓ |
| 90'N  |        | +0.5 | 44.3 ✓             |
| 100'N | END    | +0.6 | 44.4 ✓             |
| 6+30  |        | 2.7  | 41.1 ✓             |
| 10'S  |        | 3.0  | 40.8 ✓             |
| 20'S  |        | 3.6  | 40.2 ✓             |
| 30'S  |        | 4.0  | 39.8 ✓             |
| 40'S  |        | 4.2  | 39.6 ✓             |
| 50'S  |        | 4.7  | 39.1 ✓             |
| 60'S  |        | 5.0  | 38.8 ✓             |
| 70'S  |        | 5.3  | 38.5 ✓             |
| 80'S  |        | 5.7  | 38.1 ✓             |
| 90'S  |        | 6.1  | 37.7 ✓             |
| 100'S |        | 6.4  | 37.4 ✓             |
| 110'S |        | 6.6  | 37.2 ✓             |
| 120'S |        | 7.2  | 36.6 ✓             |
| 130'S |        | 7.9  | 35.9 ✓             |

|       |             |      |         |
|-------|-------------|------|---------|
| 6+30  | 543.80      |      |         |
| 140'S |             | 8.7  | 535.1 ✓ |
| 150'S |             | 9.1  | 34.7 ✓  |
| 160'S |             | 9.5  | 34.3 ✓  |
| 170'S |             | 9.6  | 34.2 ✓  |
| 180'S |             | 10.0 | 33.8 ✓  |
| 190'S |             | 10.5 | 33.3 ✓  |
| 200'S | See page 83 | 11.0 | 32.8 ✓  |
| 10'N  |             | 2.6  | 41.2 ✓  |
| 20'N  |             | 2.9  | 40.9 ✓  |
| 30'N  |             | 1.6  | 42.2 ✓  |
| 40'N  |             | 1.0  | 42.8 ✓  |
| 50'N  |             | 0.6  | 43.2 ✓  |
| 60'N  |             | 0.3  | 43.5 ✓  |
| 70'N  |             | 0.00 | 43.8 ✓  |
| 80'N  |             | +0.3 | 44.1 ✓  |
| 90'N  |             | +0.3 | 44.1 ✓  |
| 100'N | END         | +0.6 | 44.4 ✓  |
| 6+20  |             | 2.5  | 41.3 ✓  |

|       |        |     |         |
|-------|--------|-----|---------|
| 6+20  | 543.80 |     |         |
| 10's  |        | 3.0 | 540.8 ✓ |
| 20's  |        | 3.1 | 40.7 ✓  |
| 30's  |        | 3.9 | 39.9 ✓  |
| 40's  |        | 4.2 | 39.6 ✓  |
| 50's  |        | 4.6 | 39.2 ✓  |
| 60's  |        | 5.1 | 38.7 ✓  |
| 70's  |        | 5.3 | 38.5 ✓  |
| 80's  |        | 5.6 | 38.2 ✓  |
| 90's  |        | 6.1 | 37.7 ✓  |
| 100's |        | 6.4 | 37.4 ✓  |
| 110's |        | 6.5 | 37.3 ✓  |
| 120's |        | 7.3 | 36.5 ✓  |
| 130's |        | 7.7 | 36.1 ✓  |
| 140's |        | 8.3 | 35.5 ✓  |
| 150's |        | 8.9 | 34.9 ✓  |
| 160's |        | 9.2 | 34.6 ✓  |
| 170's |        | 9.3 | 34.5 ✓  |
| 180's |        | 9.7 | 34.1 ✓  |

|       |             |      |         |
|-------|-------------|------|---------|
| 6+20  | 543.80      |      |         |
| 190's |             | 10.2 | 533.6 ✓ |
| 200's | see page 84 | 10.8 | 33.0 ✓  |
| 10'N  |             | 2.4  | 41.4 ✓  |
| 20'N  |             | 2.7  | 41.1 ✓  |
| 30'N  |             | 1.3  | 42.5 ✓  |
| 40'N  |             | 1.5  | 42.3 ✓  |
| 50'N  |             | 0.7  | 43.1 ✓  |
| 60'N  |             | 0.5  | 43.3 ✓  |
| 70'N  |             | 0.00 | 43.8 ✓  |
| 80'N  |             | +0.3 | 44.1 ✓  |
| 90'N  |             | +0.3 | 44.1 ✓  |
| 100'N | END         | +0.6 | 44.4 ✓  |
| 6+10  |             | 2.3  | 41.5 ✓  |
| 10's  |             | 2.8  | 41.0 ✓  |
| 20's  |             | 3.0  | 40.8 ✓  |
| 30's  |             | 3.7  | 40.1 ✓  |
| 40's  |             | 4.1  | 39.7 ✓  |
| 50's  |             | 4.4  | 39.4 ✓  |

|       | 543.80 |       |   |
|-------|--------|-------|---|
| 6+10  |        |       |   |
| 60's  | 4.6    | 539.2 | ✓ |
| 70's  | 5.1    | 38.7  | ✓ |
| 80's  | 5.8    | 38.0  | ✓ |
| 90's  | 6.0    | 37.8  | ✓ |
| 100's | 6.3    | 37.5  | ✓ |
| 110's | 6.6    | 37.2  | ✓ |
| 120's | 7.0    | 36.8  | ✓ |
| 130's | 7.5    | 36.3  | ✓ |
| 140's | 8.1    | 35.7  | ✓ |
| 150's | 8.6    | 35.2  | ✓ |
| 160's | 9.0    | 34.8  | ✓ |
| 170's | 9.2    | 34.6  | ✓ |
| 180's | 9.6    | 34.2  | ✓ |
| 190's | 10.2   | 33.6  | ✓ |
| 200's | 10.7   | 33.1  | ✓ |
| 10'N  | 2.2    | 41.6  | ✓ |
| 20'N  | 2.6    | 41.2  | ✓ |
| 30'N  | 1.6    | 42.2  | ✓ |

see page 85

|       | 543.80 |       |   |
|-------|--------|-------|---|
| 6+10  |        |       |   |
| 40'N  | 1.3    | 542.5 | ✓ |
| 50'N  | 0.6    | 43.2  | ✓ |
| 60'N  | 0.1    | 43.7  | ✓ |
| 70'N  | 0.1    | 43.7  | ✓ |
| 80'N  | 0.1    | 43.7  | ✓ |
| 90'N  | +0.7   | 44.5  | ✓ |
| 100'N | +0.7   | 44.5  | ✓ |
| 6+00  | 2.1    | 41.7  | ✓ |
| 10's  | 2.5    | 41.3  | ✓ |
| 20's  | 3.1    | 40.7  | ✓ |
| 30's  | 3.7    | 40.1  | ✓ |
| 40's  | 4.0    | 39.8  | ✓ |
| 50's  | 4.2    | 39.6  | ✓ |
| 60's  | 4.7    | 39.1  | ✓ |
| 70's  | 5.0    | 38.8  | ✓ |
| 80's  | 5.3    | 38.5  | ✓ |
| 90's  | 5.9    | 37.9  | ✓ |
| 100's | 6.2    | 37.6  | ✓ |

END

| 6+00  | 543.80 |       |   |
|-------|--------|-------|---|
| 110'S | 6.3    | 537.5 | ✓ |
| 120'S | 6.7    | 37.1  | ✓ |
| 130'S | 7.2    | 36.6  | ✓ |
| 140'S | 7.8    | 36.0  | ✓ |
| 150'S | 8.5    | 35.3  | ✓ |
| 160'S | 8.8    | 35.0  | ✓ |
| 170'S | 9.2    | 34.6  | ✓ |
| 180'S | 9.6    | 34.2  | ✓ |
| 190'S | 10.2   | 33.6  | ✓ |
| 200'S | 10.6   | 33.2  | ✓ |
| 10'N  | 2.1    | 41.7  | ✓ |
| 20'N  | 2.3    | 41.5  | ✓ |
| 30'N  | 1.8    | 42.0  | ✓ |
| 40'N  | 1.4    | 42.4  | ✓ |
| 50'N  | 0.9    | 42.9  | ✓ |
| 60'N  | 0.8    | 43.0  | ✓ |
| 70'N  | 0.7    | 43.1  | ✓ |
| 80'N  | 0.7    | 43.1  | ✓ |

see page 86

| 6+00  | 543.80 |       |   |
|-------|--------|-------|---|
| 90'N  | 0.3    | 543.5 | ✓ |
| 100'N | END    | 43.5  | ✓ |
| 5+90  | 2.0    | 41.8  | ✓ |
| 10'S  | 2.0    | 41.8  | ✓ |
| 20'S  | 3.0    | 40.8  | ✓ |
| 30'S  | 3.5    | 40.3  | ✓ |
| 40'S  | 3.9    | 39.9  | ✓ |
| 50'S  | 4.2    | 39.6  | ✓ |
| 60'S  | 4.4    | 39.4  | ✓ |
| 70'S  | 5.0    | 38.8  | ✓ |
| 80'S  | 5.4    | 38.4  | ✓ |
| 90'S  | 5.7    | 38.1  | ✓ |
| 100'S | 6.0    | 37.8  | ✓ |
| 110'S | 6.2    | 37.6  | ✓ |
| 120'S | 6.8    | 37.0  | ✓ |
| 130'S | 7.1    | 36.7  | ✓ |
| 140'S | 7.7    | 36.1  | ✓ |
| 150'S | 8.2    | 35.6  | ✓ |

|       |             |       |        |   |
|-------|-------------|-------|--------|---|
| 5+90  | 543.80      |       |        |   |
| 160'S |             | 8.7   | 535.1  | ✓ |
| 170'S |             | 8.9   | 34.9   | ✓ |
| 180'S |             | 9.6   | 34.2   | ✓ |
| 190'S |             | 9.9   | 33.9   | ✓ |
| 200'S | see page 87 | 10.3  | 33.5   | ✓ |
| 10'N  |             | 1.9   | 41.9   | ✓ |
| 20'N  |             | 2.0   | 41.8   | ✓ |
| 30'N  |             | 1.2   | 42.6   | ✓ |
| 40'N  |             | 1.2   | 42.6   | ✓ |
| 50'N  |             | 0.8   | 43.0   | ✓ |
| 60'N  |             | 0.4   | 43.4   | ✓ |
| 70'N  |             | 0.8   | 43.0   | ✓ |
| 80'N  |             | 0.4   | 43.4   | ✓ |
| 90'N  |             | 0.2   | 43.6   | ✓ |
| 100'N | END         | 0.2   | 43.6   | ✓ |
| T.P.  | 0.56 533.68 | 10.68 | 533.12 | ✓ |

|       |        |     |       |   |
|-------|--------|-----|-------|---|
| 7+70  | 533.68 |     |       |   |
| 210'S |        | 3.7 | 530.0 | ✓ |
| 220'S |        | 4.0 | 29.7  | ✓ |
| 230'S |        | 4.4 | 29.3  | ✓ |
| 240'S |        | 4.8 | 28.9  | ✓ |
| 250'S |        | 5.3 | 28.4  | ✓ |
| 260'S |        | 5.8 | 27.9  | ✓ |
| 270'S |        | 6.3 | 27.4  | ✓ |
| 280'S |        | 6.7 | 27.0  | ✓ |
| 290'S |        | 7.1 | 26.6  | ✓ |
| 300'S |        | 7.7 | 26.0  | ✓ |
| 310'S |        | 8.1 | 25.6  | ✓ |
| 320'S | END    | 8.6 | 25.1  | ✓ |
| 7+60  |        | 3.5 | 30.2  | ✓ |
| 210'S |        | 3.9 | 29.8  | ✓ |
| 220'S |        | 4.4 | 29.3  | ✓ |
| 240'S |        | 4.9 | 28.8  | ✓ |
| 250'S |        | 5.5 | 28.2  | ✓ |
| 260'S |        | 5.8 | 27.9  | ✓ |

|       | 533.68 |     |       |   |
|-------|--------|-----|-------|---|
| 7+60. |        |     |       |   |
| 270's |        | 6.2 | 527.5 | ✓ |
| 280's |        | 6.5 | 27.2  | ✓ |
| 290's |        | 7.0 | 26.7  | ✓ |
| 300's |        | 7.4 | 26.3  | ✓ |
| 310's |        | 8.0 | 25.7  | ✓ |
| 320's | END    | 8.5 | 25.2  | ✓ |
| 7+50  |        |     |       |   |
| 210's |        | 3.3 | 30.4  | ✓ |
| 220's |        | 3.7 | 30.0  | ✓ |
| 230's |        | 4.2 | 29.5  | ✓ |
| 240's |        | 4.7 | 29.0  | ✓ |
| 250's |        | 5.3 | 28.4  | ✓ |
| 260's |        | 5.7 | 28.0  | ✓ |
| 270's |        | 5.9 | 27.8  | ✓ |
| 280's |        | 6.2 | 27.5  | ✓ |
| 290's |        | 6.8 | 26.9  | ✓ |
| 300's |        | 7.3 | 26.4  | ✓ |
| 310's |        | 7.7 | 26.0  | ✓ |
| 320's | END    | 8.3 | 25.4  | ✓ |

|       | 533.68 |     |       |   |
|-------|--------|-----|-------|---|
| 7+40  |        |     |       |   |
| 210's |        | 2.9 | 530.8 | ✓ |
| 220's |        | 3.3 | 30.4  | ✓ |
| 230's |        | 4.1 | 29.6  | ✓ |
| 240's |        | 4.7 | 29.0  | ✓ |
| 250's |        | 5.1 | 28.6  | ✓ |
| 260's |        | 5.3 | 28.4  | ✓ |
| 270's |        | 5.7 | 28.0  | ✓ |
| 280's |        | 6.2 | 27.5  | ✓ |
| 290's |        | 6.7 | 27.0  | ✓ |
| 300's |        | 7.2 | 26.5  | ✓ |
| 310's |        | 7.7 | 26.0  | ✓ |
| 320's |        | 8.2 | 25.5  | ✓ |
| 330's |        | 8.5 | 25.2  | ✓ |
| 340's | END    | 9.0 | 24.7  | ✓ |
| 7+30  |        |     |       |   |
| 210's |        | 2.7 | 31.0  | ✓ |
| 220's |        | 3.1 | 30.6  | ✓ |
| 230's |        | 3.8 | 29.9  | ✓ |
| 240's |        | 4.5 | 29.2  | ✓ |



|       | 5-33.68 |     |       |   |
|-------|---------|-----|-------|---|
| 7430  |         |     |       |   |
| 250's |         | 4.9 | 528.8 | ✓ |
| 260's |         | 5.1 | 28.6  | ✓ |
| 270's |         | 5.5 | 28.2  | ✓ |
| 280's |         | 6.2 | 27.5  | ✓ |
| 290's |         | 6.6 | 27.1  | ✓ |
| 300's |         | 7.1 | 26.6  | ✓ |
| 310's |         | 7.4 | 26.3  | ✓ |
| 320's |         | 8.0 | 25.7  | ✓ |
| 330's |         | 8.3 | 25.4  | ✓ |
| 340's | END     | 8.8 | 24.9  | ✓ |
| 7420  |         |     |       |   |
| 210's |         | 2.5 | 31.2  | ✓ |
| 220's |         | 3.1 | 30.6  | ✓ |
| 230's |         | 3.7 | 30.0  | ✓ |
| 240's |         | 4.4 | 29.3  | ✓ |
| 250's |         | 4.9 | 28.8  | ✓ |
| 260's |         | 5.2 | 28.5  | ✓ |
| 270's |         | 5.5 | 28.2  | ✓ |
| 280's |         | 5.9 | 27.8  | ✓ |

|       | 533.68 |     |       |   |
|-------|--------|-----|-------|---|
| 7420  |        |     |       |   |
| 290's |        | 6.4 | 527.3 | ✓ |
| 300's |        | 6.8 | 26.9  | ✓ |
| 310's |        | 7.3 | 26.4  | ✓ |
| 320's |        | 7.7 | 26.0  | ✓ |
| 330's |        | 8.0 | 25.7  | ✓ |
| 340's |        | 8.5 | 25.2  | ✓ |
| 350's |        | 8.9 | 24.8  | ✓ |
| 360's | END    | 9.3 | 24.4  | ✓ |
| 7410  |        |     |       |   |
| 270's |        | 2.6 | 31.1  | ✓ |
| 220's |        | 3.1 | 30.6  | ✓ |
| 230's |        | 3.5 | 30.2  | ✓ |
| 240's |        | 4.2 | 29.5  | ✓ |
| 250's |        | 4.6 | 29.1  | ✓ |
| 260's |        | 5.1 | 28.6  | ✓ |
| 270's |        | 5.4 | 28.3  | ✓ |
| 280's |        | 5.7 | 28.0  | ✓ |
| 290's |        | 6.1 | 27.6  | ✓ |
| 300's |        | 6.5 | 27.2  | ✓ |

|       |        |       |        |
|-------|--------|-------|--------|
| 7710  | 533.68 |       |        |
| 310's | 7.1    | 526.6 | ✓      |
| 320's | 7.5    | 26.2  | ✓      |
| 330's | 7.9    | 25.8  | ✓      |
| 340's | 8.1    | 25.6  | ✓      |
| 350's | 8.7    | 25.0  | ✓      |
| 360's | 9.2    | 24.5  | ✓      |
| 7700  |        | 31.23 |        |
| 210's | 2.5    | 21.5  | ✓ 31.1 |
| 220's | 2.9    | 30.8  | ✓      |
| 230's | 3.5    | 30.2  | ✓      |
| 240's | 4.0    | 29.7  | ✓      |
| 250's | 4.4    | 29.3  | ✓      |
| 260's | 4.7    | 29.0  | ✓      |
| 270's | 5.1    | 28.6  | ✓      |
| 280's | 5.6    | 28.1  | ✓      |
| 290's | 6.1    | 27.6  | ✓      |
| 300's | 6.5    | 27.2  | ✓      |
| 310's | 6.8    | 26.9  | ✓      |
| 320's | 7.2    | 26.5  | ✓      |

|       |        |       |   |
|-------|--------|-------|---|
| 7700  | 533.68 |       |   |
| 330's | 7.6    | 526.1 | ✓ |
| 340's | 8.1    | 25.6  | ✓ |
| 350's | 8.5    | 25.2  | ✓ |
| 360's | 9.2    | 24.5  | ✓ |
| 6790  |        |       |   |
| 210's | 2.3    | 31.4  | ✓ |
| 220's | 2.8    | 30.9  | ✓ |
| 230's | 3.4    | 30.3  | ✓ |
| 240's | 3.8    | 29.9  | ✓ |
| 250's | 4.3    | 29.4  | ✓ |
| 260's | 4.8    | 28.9  | ✓ |
| 270's | 5.1    | 28.6  | ✓ |
| 280's | 5.5    | 28.2  | ✓ |
| 290's | 6.0    | 27.7  | ✓ |
| 300's | 6.7    | 27.0  | ✓ |
| 310's | 6.9    | 26.8  | ✓ |
| 320's | 7.3    | 26.4  | ✓ |
| 330's | 7.6    | 26.1  | ✓ |
| 340's | 8.0    | 25.7  | ✓ |

| 6+90          |     | 533.68 |   |
|---------------|-----|--------|---|
| 350's         | 8.5 | 525.2  | ✓ |
| 360's         | 9.1 | 24.6   | ✓ |
| 6+80<br>210's | 2.2 | 31.5   | ✓ |
| 220's         | 2.9 | 30.8   | ✓ |
| 230's         | 3.4 | 30.3   | ✓ |
| 240's         | 3.7 | 30.0   | ✓ |
| 250's         | 4.1 | 29.6   | ✓ |
| 260's         | 4.5 | 29.2   | ✓ |
| 270's         | 4.8 | 28.9   | ✓ |
| 280's         | 5.4 | 28.3   | ✓ |
| 290's         | 5.9 | 27.8   | ✓ |
| 300's         | 6.5 | 27.2   | ✓ |
| 310's         | 6.9 | 26.8   | ✓ |
| 320's         | 7.3 | 26.4   | ✓ |
| 330's         | 7.6 | 26.1   | ✓ |
| 340's         | 8.1 | 25.6   | ✓ |
| 350's         | 8.5 | 25.2   | ✓ |
| 360's         | 8.9 | 24.8   | ✓ |

| 6+70          |     | 533.68 |   |
|---------------|-----|--------|---|
| 210's         | 2.3 | 531.4  | ✓ |
| 220's         | 2.8 | 30.9   | ✓ |
| 230's         | 3.2 | 30.5   | ✓ |
| 240's         | 3.4 | 30.3   | ✓ |
| 250's         | 3.6 | 30.1   | ✓ |
| 260's         | 3.8 | 29.9   | ✓ |
| 270's         | 4.8 | 28.9   | ✓ |
| 280's         | 5.3 | 28.4   | ✓ |
| 290's         | 5.8 | 27.9   | ✓ |
| 300's         | 6.1 | 27.6   | ✓ |
| 310's         | 6.6 | 27.1   | ✓ |
| 320's         | 7.2 | 26.5   | ✓ |
| 330's         | 7.4 | 26.3   | ✓ |
| 340's         | 7.9 | 25.8   | ✓ |
| 350's         | 8.4 | 25.3   | ✓ |
| 360's         | 8.6 | 25.1   | ✓ |
| 6+60<br>210's | 2.1 | 31.6   | ✓ |
| 220's         | 2.4 | 31.3   | ✓ |

|               |        |     |       |   |
|---------------|--------|-----|-------|---|
| 6+60          | 533.68 |     |       |   |
| 230's         |        | 2.0 | 530.7 | ✓ |
| 240's         |        | 3.3 | 30.4  | ✓ |
| 250's         |        | 3.8 | 29.9  | ✓ |
| 260's         |        | 4.2 | 29.5  | ✓ |
| 270's         |        | 4.8 | 28.9  | ✓ |
| 280's         |        | 5.2 | 28.5  | ✓ |
| 290's         |        | 5.6 | 28.1  | ✓ |
| 300's         |        | 6.1 | 27.6  | ✓ |
| 310's         |        | 6.4 | 27.3  | ✓ |
| 320's         |        | 6.9 | 26.8  | ✓ |
| 330's         |        | 7.3 | 26.4  | ✓ |
| 340's         |        | 7.6 | 26.1  | ✓ |
| 350's         |        | 8.0 | 25.7  | ✓ |
| 360's         | END    | 8.3 | 25.4  | ✓ |
| 6+50<br>210's |        | 2.0 | 31.7  | ✓ |
| 220's         |        | 2.5 | 31.2  | ✓ |
| 230's         |        | 2.9 | 30.8  | ✓ |
| 240's         |        | 3.4 | 30.3  | ✓ |

|               |        |     |       |   |
|---------------|--------|-----|-------|---|
| 6+50          | 533.68 |     |       |   |
| 250's         |        | 2.9 | 529.8 | ✓ |
| 260's         |        | 4.3 | 29.4  | ✓ |
| 270's         |        | 4.7 | 29.0  | ✓ |
| 280's         |        | 5.2 | 28.5  | ✓ |
| 290's         |        | 5.5 | 28.2  | ✓ |
| 300's         |        | 5.9 | 27.8  | ✓ |
| 310's         |        | 6.5 | 27.2  | ✓ |
| 320's         |        | 6.8 | 26.9  | ✓ |
| 330's         |        | 7.1 | 26.6  | ✓ |
| 340's         |        | 7.4 | 26.3  | ✓ |
| 350's         |        | 7.7 | 26.0  | ✓ |
| 360's         | END    | 8.0 | 25.7  | ✓ |
| 6+40<br>310's |        | 1.7 | 32.0  | ✓ |
| 220's         |        | 2.4 | 31.3  | ✓ |
| 230's         |        | 2.9 | 30.8  | ✓ |
| 240's         |        | 3.3 | 30.4  | ✓ |
| 250's         |        | 3.6 | 30.1  | ✓ |
| 260's         |        | 4.0 | 29.7  | ✓ |

|       | 533.68 |     |       |   |
|-------|--------|-----|-------|---|
| 6+40  |        |     |       |   |
| 270's |        | 4.5 | 529.2 | ✓ |
| 280's |        | 4.9 | 28.8  | ✓ |
| 290's |        | 5.4 | 28.3  | ✓ |
| 300's |        | 5.9 | 27.8  | ✓ |
| 310's |        | 6.2 | 27.5  | ✓ |
| 320's |        | 6.5 | 27.2  | ✓ |
| 330's |        | 7.0 | 26.7  | ✓ |
| 340's |        | 7.2 | 26.5  | ✓ |
| 350's |        | 7.5 | 26.2  | ✓ |
| 360's | END    | 7.8 | 25.9  | ✓ |
| 6+30  |        |     |       |   |
| 210's |        | 1.6 | 32.1  | ✓ |
| 220's |        | 2.3 | 31.4  | ✓ |
| 230's |        | 2.6 | 31.1  | ✓ |
| 240's |        | 3.0 | 30.7  | ✓ |
| 250's |        | 3.4 | 30.3  | ✓ |
| 260's |        | 3.6 | 30.1  | ✓ |
| 270's |        | 4.2 | 29.5  | ✓ |
| 280's |        | 4.7 | 29.0  | ✓ |

|       | 533.68 |     |       |   |
|-------|--------|-----|-------|---|
| 6+30  |        |     |       |   |
| 290's |        | 5.3 | 528.4 | ✓ |
| 300's |        | 5.6 | 28.1  | ✓ |
| 310's |        | 6.0 | 27.7  | ✓ |
| 320's |        | 6.3 | 27.4  | ✓ |
| 330's |        | 6.6 | 27.1  | ✓ |
| 340's |        | 7.0 | 26.7  | ✓ |
| 350's |        | 7.1 | 26.6  | ✓ |
| 360's |        | 7.5 | 26.2  | ✓ |
| 370's | END    | 7.8 | 25.9  | ✓ |
| 6+20  |        |     |       |   |
| 210's |        | 1.3 | 32.4  | ✓ |
| 220's |        | 1.9 | 31.8  | ✓ |
| 230's |        | 2.3 | 31.4  | ✓ |
| 240's |        | 2.7 | 31.0  | ✓ |
| 250's |        | 3.1 | 30.6  | ✓ |
| 260's |        | 3.5 | 30.2  | ✓ |
| 270's |        | 3.9 | 29.8  | ✓ |
| 280's |        | 4.3 | 29.4  | ✓ |
| 290's |        | 4.9 | 28.8  | ✓ |

|               |        |     |       |   |
|---------------|--------|-----|-------|---|
| 6+20          | 533.68 |     |       |   |
| 300's         |        | 5.4 | 528.3 | ✓ |
| 310's         |        | 5.7 | 28.0  | ✓ |
| 320's         |        | 6.0 | 27.7  | ✓ |
| 330's         |        | 6.3 | 27.4  | ✓ |
| 340's         |        | 6.7 | 27.0  | ✓ |
| 350's         |        | 6.9 | 26.8  | ✓ |
| 360's         |        | 7.2 | 26.5  | ✓ |
| 370's         |        | 7.6 | 26.1  | ✓ |
| 380's         | END    | 8.0 | 25.7  | ✓ |
| 6+10<br>210's |        | 1.1 | 32.6  | ✓ |
| 220's         |        | 1.5 | 32.2  | ✓ |
| 230's         |        | 2.0 | 31.7  | ✓ |
| 240's         |        | 2.4 | 31.3  | ✓ |
| 250's         |        | 2.7 | 31.0  | ✓ |
| 260's         |        | 3.2 | 30.5  | ✓ |
| 270's         |        | 3.7 | 30.0  | ✓ |
| 280's         |        | 4.0 | 29.7  | ✓ |
| 290's         |        | 4.7 | 29.0  | ✓ |

|               |        |     |       |   |
|---------------|--------|-----|-------|---|
| 6+10          | 533.68 |     |       |   |
| 300's         |        | 5.2 | 528.5 | ✓ |
| 310's         |        | 5.5 | 28.2  | ✓ |
| 320's         |        | 5.9 | 27.8  | ✓ |
| 330's         |        | 6.1 | 27.6  | ✓ |
| 340's         |        | 6.4 | 27.3  | ✓ |
| 350's         |        | 6.7 | 27.0  | ✓ |
| 360's         |        | 7.1 | 26.6  | ✓ |
| 370's         |        | 7.3 | 26.4  | ✓ |
| 380's         | END    | 7.8 | 25.9  | ✓ |
| 6+00<br>210's |        | 0.9 | 32.8  | ✓ |
| 220's         |        | 1.3 | 32.4  | ✓ |
| 230's         |        | 1.8 | 31.9  | ✓ |
| 240's         |        | 2.2 | 31.5  | ✓ |
| 250's         |        | 2.7 | 31.0  | ✓ |
| 260's         |        | 3.1 | 30.6  | ✓ |
| 270's         |        | 3.4 | 30.3  | ✓ |
| 280's         |        | 3.8 | 29.9  | ✓ |
| 290's         |        | 4.3 | 29.4  | ✓ |

|           |        |     |       |   |
|-----------|--------|-----|-------|---|
| 6400      | 533.68 |     |       |   |
| 300's     |        | 4.7 | 529.0 | ✓ |
| 310's     |        | 5.1 | 28.6  | ✓ |
| 320's     |        | 5.5 | 28.2  | ✓ |
| 330's     |        | 6.0 | 27.7  | ✓ |
| 340's     |        | 6.3 | 27.4  | ✓ |
| 350's     |        | 6.6 | 27.1  | ✓ |
| 360's     |        | 7.0 | 26.7  | ✓ |
| 370's     |        | 7.3 | 26.4  | ✓ |
| 380's END |        | 7.5 | 26.2  | ✓ |
| 5490      |        |     |       |   |
| 210's     |        | 0.7 | 33.0  | ✓ |
| 220's     |        | 0.2 | 33.5  | ✓ |
| 230's     |        | 1.4 | 32.3  | ✓ |
| 240's     |        | 2.1 | 31.6  | ✓ |
| 250's     |        | 2.4 | 31.3  | ✓ |
| 260's     |        | 2.9 | 30.8  | ✓ |
| 270's     |        | 3.2 | 30.5  | ✓ |
| 280's     |        | 3.7 | 30.0  | ✓ |
| 290's     |        | 4.1 | 29.6  | ✓ |

|           |        |        |       |          |
|-----------|--------|--------|-------|----------|
| 5490      | 533.68 |        |       |          |
| 300's     |        | 4.4    | 529.3 | ✓        |
| 310's     |        | 4.8    | 28.9  | ✓        |
| 320's     |        | 5.4    | 28.3  | ✓        |
| 330's     |        | 5.9    | 27.8  | ✓        |
| 340's     |        | 6.0    | 27.7  | ✓        |
| 350's     |        | 6.5    | 27.2  | ✓        |
| 360's     |        | 6.8    | 26.9  | ✓        |
| 370's     |        | 7.1    | 26.6  | ✓        |
| 380's END |        | 7.5    | 26.2  | ✓        |
|           |        |        |       |          |
| T.P.      | 13.00  | 546.12 | 0.56  | 533.12 ✓ |
|           |        |        |       |          |
| 5480      |        |        |       |          |
|           |        | 4.4    | 541.7 | ✓        |
| 10's      |        | 4.8    | 41.3  | ✓        |
| 20's      |        | 5.3    | 40.8  | ✓        |
| 30's      |        | 5.7    | 40.4  | ✓        |
| 40's      |        | 6.0    | 40.1  | ✓        |
| 50's      |        | 6.4    | 39.7  | ✓        |

|       | 546.12       |      |       |   |
|-------|--------------|------|-------|---|
| 5+80  |              |      |       |   |
| 60's  |              | 6.7  | 539.4 | ✓ |
| 70's  |              | 7.0  | 39.1  | ✓ |
| 80's  |              | 7.6  | 38.5  | ✓ |
| 90's  |              | 7.9  | 38.2  | ✓ |
| 100's |              | 8.2  | 37.9  | ✓ |
| 110's |              | 8.4  | 37.7  | ✓ |
| 120's |              | 9.0  | 37.1  | ✓ |
| 130's |              | 9.3  | 36.8  | ✓ |
| 140's |              | 9.8  | 36.3  | ✓ |
| 150's |              | 10.4 | 35.7  | ✓ |
| 160's |              | 10.7 | 35.4  | ✓ |
| 170's |              | 11.2 | 34.9  | ✓ |
| 180's |              | 11.8 | 34.3  | ✓ |
| 190's |              | 12.2 | 33.9  | ✓ |
| 200's | see page 123 | 12.8 | 33.3  | ✓ |
| 10'N  |              | 4.1  | 42.0  | ✓ |
| 20'N  |              | 4.0  | 42.1  | ✓ |
| 30'N  |              | 4.3  | 41.8  | ✓ |

|       | 546.12 |     |       |   |
|-------|--------|-----|-------|---|
| 5+80  |        |     |       |   |
| 40'N  |        | 2.6 | 542.5 | ✓ |
| 50'N  |        | 3.6 | 42.5  | ✓ |
| 60'N  |        | 3.6 | 42.5  | ✓ |
| 70'N  |        | 3.7 | 42.4  | ✓ |
| 80'N  |        | 3.6 | 42.5  | ✓ |
| 90'N  |        | 3.5 | 42.6  | ✓ |
| 100'N | END    | 3.6 | 42.5  | ✓ |
| 5+70  |        | 4.4 | 41.7  | ✓ |
| 10's  |        | 4.6 | 41.5  | ✓ |
| 20's  |        | 5.0 | 41.1  | ✓ |
| 30's  |        | 5.5 | 40.6  | ✓ |
| 40's  |        | 5.9 | 40.2  | ✓ |
| 50's  |        | 6.1 | 40.0  | ✓ |
| 60's  |        | 6.5 | 39.6  | ✓ |
| 70's  |        | 7.0 | 39.1  | ✓ |
| 80's  |        | 7.3 | 38.8  | ✓ |
| 90's  |        | 7.6 | 38.5  | ✓ |
| 100's |        | 8.2 | 37.9  | ✓ |



|                                   | 546.12 |       |   |
|-----------------------------------|--------|-------|---|
| 5470                              |        |       |   |
| 110's                             | 8.4    | 537.7 | ✓ |
| 120's                             | 8.9    | 37.2  | ✓ |
| 130's                             | 9.1    | 37.0  | ✓ |
| 140's                             | 9.5    | 36.6  | ✓ |
| 150's                             | 10.0   | 36.1  | ✓ |
| 160's                             | 10.3   | 35.8  | ✓ |
| 170's                             | 10.9   | 35.2  | ✓ |
| 180's                             | 11.7   | 34.4  | ✓ |
| 190's                             | 12.0   | 34.1  | ✓ |
| 200's <small>See page 124</small> | 12.4   | 33.7  | ✓ |
| 10'N                              | 4.1    | 42.0  | ✓ |
| 20'N                              | 3.8    | 42.3  | ✓ |
| 30'N                              | 3.6    | 42.5  | ✓ |
| 40'N                              | 3.6    | 42.5  | ✓ |
| 50'N                              | 3.5    | 42.6  | ✓ |
| 60'N                              | 3.4    | 42.7  | ✓ |
| 70'N                              | 3.5    | 42.6  | ✓ |
| 80'N                              | 3.5    | 42.6  | ✓ |

|           | 546.12 |       |   |
|-----------|--------|-------|---|
| 5470      |        |       |   |
| 90'N      | 3.5    | 542.6 | ✓ |
| 100'N     | 3.6    | 42.5  | ✓ |
| 110'N     | 3.7    | 42.4  | ✓ |
| 120'N END | 3.7    | 42.4  | ✓ |
| 5460      | 4.3    | 41.8  | ✓ |
| 10's      | 4.5    | 41.6  | ✓ |
| 20's      | 4.7    | 41.4  | ✓ |
| 30's      | 5.5    | 40.6  | ✓ |
| 40's      | 5.8    | 40.3  | ✓ |
| 50's      | 6.0    | 40.1  | ✓ |
| 60's      | 6.4    | 39.7  | ✓ |
| 70's      | 6.9    | 39.2  | ✓ |
| 80's      | 6.8    | 39.3  | ✓ |
| 90's      | 7.4    | 38.7  | ✓ |
| 100's     | 7.9    | 38.2  | ✓ |
| 110's     | 8.3    | 37.8  | ✓ |
| 120's     | 8.8    | 37.3  | ✓ |
| 130's     | 8.8    | 37.3  | ✓ |

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|       |              |      |       |   |
|-------|--------------|------|-------|---|
| 5+60  | 546.12       |      |       |   |
| 140's |              | 9.0  | 537.1 | ✓ |
| 150's |              | 9.6  | 36.5  | ✓ |
| 160's |              | 9.9  | 36.2  | ✓ |
| 170's |              | 10.4 | 35.7  | ✓ |
| 180's |              | 11.2 | 34.9  | ✓ |
| 190's |              | 11.9 | 34.2  | ✓ |
| 200's | see page 125 | 12.4 | 33.7  | ✓ |
| 10'N  |              | 4.1  | 42.0  | ✓ |
| 20'N  |              | 3.9  | 42.2  | ✓ |
| 30'N  |              | 3.7  | 42.4  | ✓ |
| 40'N  |              | 3.4  | 42.7  | ✓ |
| 50'N  |              | 3.4  | 42.7  | ✓ |
| 60'N  |              | 3.7  | 42.4  | ✓ |
| 70'N  |              | 3.7  | 42.4  | ✓ |
| 80'N  |              | 3.7  | 42.4  | ✓ |
| 90'N  |              | 3.6  | 42.5  | ✓ |
| 100'N |              | 3.8  | 42.3  | ✓ |
| 110'N | END          | 3.9  | 42.2  | ✓ |

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|       |        |      |       |   |
|-------|--------|------|-------|---|
| 5+50  | 546.12 | 4.2  | 541.9 | ✓ |
| 10's  |        | 3.9  | 42.2  | ✓ |
| 20's  |        | 4.8  | 41.3  | ✓ |
| 30's  |        | 5.5  | 40.6  | ✓ |
| 40's  |        | 5.6  | 40.5  | ✓ |
| 50's  |        | 5.9  | 40.2  | ✓ |
| 60's  |        | 6.0  | 40.1  | ✓ |
| 70's  |        | 6.5  | 39.6  | ✓ |
| 80's  |        | 6.7  | 39.4  | ✓ |
| 90's  |        | 7.2  | 38.9  | ✓ |
| 100's |        | 7.7  | 38.4  | ✓ |
| 110's |        | 7.8  | 38.3  | ✓ |
| 120's |        | 8.3  | 37.8  | ✓ |
| 130's |        | 8.5  | 37.6  | ✓ |
| 140's |        | 8.8  | 37.3  | ✓ |
| 150's |        | 9.2  | 36.9  | ✓ |
| 160's |        | 9.7  | 36.4  | ✓ |
| 170's |        | 10.5 | 35.6  | ✓ |
| 180's |        | 11.0 | 35.1  | ✓ |

|                                   | 546.12 |       |   |
|-----------------------------------|--------|-------|---|
| 3+50                              |        |       |   |
| 19.0's                            | 11.8   | 534.3 | ✓ |
| 200's <small>See page 127</small> | 12.1   | 34.0  | ✓ |
| 10'N                              | 4.1    | 42.0  | ✓ |
| 20'N                              | 4.0    | 42.1  | ✓ |
| 30'N                              | 3.9    | 42.2  | ✓ |
| 40'N                              | 4.1    | 42.0  | ✓ |
| 50'N                              | 4.3    | 41.8  | ✓ |
| 60'N                              | 4.1    | 42.0  | ✓ |
| 70'N                              | 4.4    | 41.7  | ✓ |
| 80'N                              | 4.8    | 41.3  | ✓ |
| 90'N                              | 5.0    | 41.1  | ✓ |
| 100'N                             | 5.7    | 40.4  | ✓ |
| 110'N <small>END</small>          | 6.2    | 39.9  | ✓ |
| 5+40                              | 4.4    | 41.7  | ✓ |
| 10's                              | 4.1    | 42.0  | ✓ |
| 20's                              | 4.9    | 41.2  | ✓ |
| 30's                              | 5.2    | 40.9  | ✓ |
| 40's                              | 5.5    | 40.6  | ✓ |

|                                   | 546.12 |       |   |
|-----------------------------------|--------|-------|---|
| 5+40                              |        |       |   |
| 50's                              | 5.6    | 540.5 | ✓ |
| 60's                              | 6.0    | 40.1  | ✓ |
| 70's                              | 6.3    | 39.8  | ✓ |
| 80's                              | 6.5    | 39.6  | ✓ |
| 90's                              | 6.9    | 39.2  | ✓ |
| 100's                             | 7.6    | 38.5  | ✓ |
| 110's                             | 7.6    | 38.5  | ✓ |
| 120's                             | 8.0    | 38.1  | ✓ |
| 130's                             | 8.4    | 37.7  | ✓ |
| 140's                             | 8.6    | 37.5  | ✓ |
| 150's                             | 9.0    | 37.1  | ✓ |
| 160's                             | 9.5    | 36.6  | ✓ |
| 170's                             | 10.1   | 36.0  | ✓ |
| 180's                             | 10.9   | 35.2  | ✓ |
| 190's                             | 11.4   | 34.7  | ✓ |
| 200's <small>See page 128</small> | 11.5   | 34.6  | ✓ |
| 10'N                              | 4.1    | 42.0  | ✓ |
| 20'N                              | 4.1    | 42.0  | ✓ |

|       | 546.12 |     |       |   |
|-------|--------|-----|-------|---|
| 5740  |        |     |       |   |
| 30'N  |        | 4.3 | 541.8 | ✓ |
| 40'N  |        | 4.5 | 41.6  | ✓ |
| 50'N  |        | 4.8 | 41.3  | ✓ |
| 60'N  |        | 4.9 | 41.2  | ✓ |
| 70'N  |        | 5.1 | 41.0  | ✓ |
| 80'N  |        | 5.1 | 41.0  | ✓ |
| 90'N  |        | 5.5 | 40.6  | ✓ |
| 100'N |        | 6.4 | 39.7  | ✓ |
| 110'N | END    | 6.7 | 39.4  | ✓ |
| 5730  |        | 4.3 | 41.8  | ✓ |
| 10's  |        | 4.0 | 42.1  | ✓ |
| 20's  |        | 4.7 | 41.4  | ✓ |
| 30's  |        | 5.0 | 41.1  | ✓ |
| 40's  |        | 5.1 | 41.0  | ✓ |
| 50's  |        | 5.5 | 40.6  | ✓ |
| 60's  |        | 5.6 | 40.5  | ✓ |
| 70's  |        | 5.9 | 40.2  | ✓ |
| 80's  |        | 6.2 | 39.9  | ✓ |

|       | 546.12       |      |       |   |
|-------|--------------|------|-------|---|
| 5730  |              |      |       |   |
| 90's  |              | 6.7  | 539.4 | ✓ |
| 100's |              | 7.3  | 38.8  | ✓ |
| 110's |              | 8.0  | 38.1  | ✓ |
| 120's |              | 8.1  | 38.0  | ✓ |
| 130's |              | 8.1  | 38.0  | ✓ |
| 140's |              | 8.3  | 37.8  | ✓ |
| 150's |              | 8.8  | 37.3  | ✓ |
| 160's |              | 9.5  | 36.6  | ✓ |
| 170's |              | 10.3 | 35.8  | ✓ |
| 180's |              | 10.6 | 35.5  | ✓ |
| 190's |              | 11.3 | 34.8  | ✓ |
| 200's | see page 129 | 11.8 | 34.3  | ✓ |
| 10'N  |              | 4.2  | 41.9  | ✓ |
| 20'N  |              | 4.2  | 41.9  | ✓ |
| 30'N  |              | 4.5  | 41.6  | ✓ |
| 40'N  |              | 4.8  | 41.3  | ✓ |
| 50'N  |              | 5.0  | 41.1  | ✓ |
| 60'N  |              | 5.5  | 40.6  | ✓ |

|       | 546.12 |     |       |   |
|-------|--------|-----|-------|---|
| 5430  |        |     |       |   |
| 70'N  |        | 5.0 | 541.1 | ✓ |
| 80'N  |        | 5.7 | 40.4  | ✓ |
| 90'N  |        | 6.1 | 40.0  | ✓ |
| 100'N |        | 7.6 | 38.5  | ✓ |
| 110'N | END    | 8.0 | 38.1  | ✓ |
| 5420  |        | 4.3 | 41.8  | ✓ |
| 10'S  |        | 4.6 | 41.5  | ✓ |
| 20'S  |        | 4.6 | 41.5  | ✓ |
| 30'S  |        | 4.7 | 41.4  | ✓ |
| 40'S  |        | 5.1 | 41.0  | ✓ |
| 50'S  |        | 5.3 | 40.8  | ✓ |
| 60'S  |        | 5.5 | 40.6  | ✓ |
| 70'S  |        | 5.5 | 40.6  | ✓ |
| 80'S  |        | 5.8 | 40.3  | ✓ |
| 90'S  |        | 6.5 | 39.6  | ✓ |
| 100'S |        | 7.2 | 38.9  | ✓ |
| 110'S |        | 7.3 | 38.8  | ✓ |
| 120'S |        | 8.0 | 38.1  | ✓ |

|       | 546.12       |      |       |   |
|-------|--------------|------|-------|---|
| 5420  |              |      |       |   |
| 130'S |              | 8.1  | 538.0 | ✓ |
| 140'S |              | 8.4  | 37.7  | ✓ |
| 150'S |              | 9.4  | 36.7  | ✓ |
| 160'S |              | 9.9  | 36.2  | ✓ |
| 170'S |              | 10.1 | 36.0  | ✓ |
| 180'S |              | 10.3 | 35.8  | ✓ |
| 190'S |              | 11.0 | 35.1  | ✓ |
| 200'S | See page 130 | 11.3 | 34.8  | ✓ |
| 10'N  |              | 4.4  | 41.7  | ✓ |
| 20'N  |              | 4.6  | 41.5  | ✓ |
| 30'N  |              | 5.0  | 41.1  | ✓ |
| 40'N  |              | 5.1  | 41.0  | ✓ |
| 50'N  |              | 5.8  | 40.3  | ✓ |
| 60'N  |              | 6.0  | 40.1  | ✓ |
| 70'N  |              | 5.9  | 40.2  | ✓ |
| 80'N  |              | 6.6  | 39.5  | ✓ |
| 90'N  |              | 8.2  | 37.9  | ✓ |
| 100'N |              | 8.7  | 37.4  | ✓ |

5+20

546.12

|       |     |     |       |   |
|-------|-----|-----|-------|---|
| 110'N | END | 9.2 | 536.9 | ✓ |
| 5+10  |     | 4.6 | 41.5  | ✓ |
| 10's  |     | 4.5 | 41.6  | ✓ |
| 20's  |     | 4.7 | 41.4  | ✓ |
| 30's  |     | 4.7 | 41.4  | ✓ |
| 40's  |     | 5.0 | 41.1  | ✓ |
| 50's  |     | 5.2 | 40.9  | ✓ |
| 60's  |     | 5.3 | 40.8  | ✓ |
| 70's  |     | 5.5 | 40.6  | ✓ |
| 80's  |     | 6.5 | 39.6  | ✓ |
| 90's  |     | 6.6 | 39.5  | ✓ |
| 100's |     | 6.9 | 39.2  | ✓ |
| 110's |     | 7.3 | 38.8  | ✓ |
| 120's |     | 7.7 | 38.4  | ✓ |
| 130's |     | 7.8 | 38.3  | ✓ |
| 140's |     | 8.3 | 37.8  | ✓ |
| 150's |     | 8.6 | 37.5  | ✓ |
| 160's |     | 9.4 | 36.7  | ✓ |

5+10

546.12

|       |              |      |       |   |
|-------|--------------|------|-------|---|
| 170's |              | 9.6  | 536.5 | ✓ |
| 180's |              | 10.2 | 35.9  | ✓ |
| 190's |              | 10.7 | 35.4  | ✓ |
| 200's | see page 131 | 10.9 | 35.2  | ✓ |
| 10'N  |              | 4.8  | 41.3  | ✓ |
| 20'N  |              | 5.0  | 41.1  | ✓ |
| 30'N  |              | 5.4  | 40.7  | ✓ |
| 40'N  |              | 6.0  | 40.1  | ✓ |
| 50'N  |              | 6.5  | 39.6  | ✓ |
| 60'N  |              | 7.0  | 39.1  | ✓ |
| 70'N  |              | 6.7  | 39.4  | ✓ |
| 80'N  |              | 8.0  | 38.1  | ✓ |
| 90'N  |              | 9.2  | 36.9  | ✓ |
| 100'N |              | 9.6  | 36.5  | ✓ |
| 110'N |              | 10.2 | 35.9  | ✓ |
| 120'N | END          | 10.8 | 35.3  | ✓ |
| 5+00  |              | 4.8  | 41.3  | ✓ |
| 10's  |              | 4.6  | 41.5  | ✓ |

|       | 546.12 |      |       |   |
|-------|--------|------|-------|---|
| 5+00  |        |      |       |   |
| 20's  |        | 4.8  | 541.3 | ✓ |
| 30's  |        | 4.7  | 41.4  | ✓ |
| 40's  |        | 4.7  | 41.4  | ✓ |
| 50's  |        | 4.9  | 41.2  | ✓ |
| 60's  |        | 5.1  | 41.0  | ✓ |
| 70's  |        | 5.2  | 40.9  | ✓ |
| 80's  |        | 5.4  | 40.7  | ✓ |
| 90's  |        | 6.2  | 39.9  | ✓ |
| 100's |        | 6.5  | 39.6  | ✓ |
| 110's |        | 6.7  | 39.4  | ✓ |
| 120's |        | 7.3  | 38.8  | ✓ |
| 130's |        | 7.8  | 38.3  | ✓ |
| 140's |        | 8.4  | 37.7  | ✓ |
| 150's |        | 8.5  | 37.6  | ✓ |
| 160's |        | 8.7  | 37.4  | ✓ |
| 170's |        | 8.9  | 37.2  | ✓ |
| 180's |        | 9.2  | 36.9  | ✓ |
| 190's |        | 10.0 | 36.1  | ✓ |

|       | 546.12       |      |       |   |
|-------|--------------|------|-------|---|
| 5+00  |              |      |       |   |
| 200's | see page 133 | 10.9 | 535.2 | ✓ |
| 10'N  |              | 5.2  | 40.9  | ✓ |
| 20'N  |              | 6.0  | 40.1  | ✓ |
| 30'N  |              | 6.5  | 39.6  | ✓ |
| 40'N  |              | 6.9  | 39.2  | ✓ |
| 50'N  |              | 7.1  | 39.0  | ✓ |
| 60'N  |              | 7.6  | 38.5  | ✓ |
| 70'N  |              | 8.2  | 37.9  | ✓ |
| 80'N  |              | 9.4  | 36.7  | ✓ |
| 90'N  |              | 10.0 | 36.1  | ✓ |
| 100'N |              | 10.5 | 35.6  | ✓ |
| 110'N |              | 11.0 | 35.1  | ✓ |
| 120'N |              | 11.8 | 34.3  | ✓ |
| 130'N | END          | 12.3 | 33.8  | ✓ |
| 4+90  |              | 5.6  | 40.5  | ✓ |
| 10's  |              | 4.8  | 41.3  | ✓ |
| 20's  |              | 4.7  | 41.4  | ✓ |
| 30's  |              | 5.1  | 41.0  | ✓ |

|       | 546.12       |      |       |   |
|-------|--------------|------|-------|---|
| 4+90  |              |      |       |   |
| 40's  |              | 4.9  | 541.2 | ✓ |
| 50's  |              | 4.6  | 41.5  | ✓ |
| 60's  |              | 5.0  | 41.1  | ✓ |
| 70's  |              | 5.2  | 40.9  | ✓ |
| 80's  |              | 5.1  | 41.0  | ✓ |
| 90's  |              | 5.8  | 40.3  | ✓ |
| 100's |              | 6.3  | 39.8  | ✓ |
| 110's |              | 6.4  | 39.7  | ✓ |
| 120's |              | 7.1  | 39.0  | ✓ |
| 130's |              | 7.7  | 38.4  | ✓ |
| 140's |              | 8.2  | 37.9  | ✓ |
| 150's |              | 8.4  | 37.7  | ✓ |
| 160's |              | 8.2  | 37.9  | ✓ |
| 170's |              | 7.9  | 38.2  | ✓ |
| 180's |              | 8.2  | 37.9  | ✓ |
| 190's |              | 9.6  | 36.5  | ✓ |
| 200's | see page 137 | 10.3 | 35.8  | ✓ |
| 10'N  |              | 5.7  | 40.4  | ✓ |

|       | 546.12 |      |       |   |
|-------|--------|------|-------|---|
| 4+90  |        |      |       |   |
| 20'N  |        | 6.7  | 539.4 | ✓ |
| 30'N  |        | 7.2  | 38.9  | ✓ |
| 40'N  |        | 7.5  | 38.6  | ✓ |
| 50'N  |        | 7.7  | 38.4  | ✓ |
| 60'N  |        | 8.5  | 37.6  | ✓ |
| 70'N  |        | 9.0  | 37.1  | ✓ |
| 80'N  |        | 10.2 | 35.9  | ✓ |
| 90'N  |        | 10.9 | 35.2  | ✓ |
| 100'N |        | 11.4 | 34.7  | ✓ |
| 110'N |        | 12.0 | 34.1  | ✓ |
| 120'N |        | 12.7 | 33.4  | ✓ |
| 130'N | END    | 13.4 | 32.7  | ✓ |
| 4+80  |        | 5.9  | 40.2  | ✓ |
| 10's  |        | 5.3  | 40.8  | ✓ |
| 20's  |        | 4.9  | 41.2  | ✓ |
| 30's  |        | 4.7  | 41.4  | ✓ |
| 40's  |        | 4.9  | 41.2  | ✓ |
| 50's  |        | 4.6  | 41.5  | ✓ |



|       | 546.12       |      |       |   |
|-------|--------------|------|-------|---|
| 4+80  |              |      |       |   |
| 60's  |              | 4.8  | 541.3 | ✓ |
| 70's  |              | 5.0  | 41.1  | ✓ |
| 80's  |              | 4.9  | 41.2  | ✓ |
| 90's  |              | 5.5  | 40.6  | ✓ |
| 100's |              | 6.1  | 40.0  | ✓ |
| 110's |              | 5.8  | 40.3  | ✓ |
| 120's |              | 6.6  | 39.5  | ✓ |
| 130's |              | 7.4  | 38.7  | ✓ |
| 140's |              | 7.8  | 38.3  | ✓ |
| 150's |              | 8.2  | 37.9  | ✓ |
| 160's |              | 8.0  | 38.1  | ✓ |
| 170's |              | 8.0  | 38.1  | ✓ |
| 180's |              | 8.4  | 37.7  | ✓ |
| 190's |              | 9.3  | 36.8  | ✓ |
| 200's | see page 135 | 10.0 | 36.1  | ✓ |
| 10'N  |              | 6.4  | 39.7  | ✓ |
| 20'N  |              | 7.0  | 39.1  | ✓ |
| 30'N  |              | 7.5  | 38.6  | ✓ |

|       | 546.12 |      |       |   |
|-------|--------|------|-------|---|
| 4+80  |        |      |       |   |
| 40'N  |        | 7.9  | 538.2 | ✓ |
| 50'N  |        | 8.4  | 37.7  | ✓ |
| 60'N  |        | 8.8  | 37.3  | ✓ |
| 70'N  |        | 9.7  | 36.4  | ✓ |
| 80'N  |        | 11.0 | 35.1  | ✓ |
| 90'N  |        | 11.7 | 34.4  | ✓ |
| 100'N |        | 12.4 | 33.7  | ✓ |
| 110'N |        | 13.0 | 33.1  | ✓ |
| 120'N |        | 14.0 | 32.1  | ✓ |
| 130'N |        | 14.6 | 31.5  | ✓ |
| 140'N | END    | 15.8 | 30.3  | ✓ |
| 4+70  |        | 6.2  | 39.9  | ✓ |
| 10's  |        | 5.9  | 40.2  | ✓ |
| 20's  |        | 5.2  | 40.9  | ✓ |
| 30's  |        | 4.7  | 41.4  | ✓ |
| 40's  |        | 4.7  | 41.4  | ✓ |
| 50's  |        | 5.0  | 41.1  | ✓ |
| 60's  |        | 4.5  | 41.6  | ✓ |

|       | 546.12       |     |       |   |
|-------|--------------|-----|-------|---|
| 4+70  |              |     |       |   |
| 70's  |              | 4.9 | 541.2 | ✓ |
| 80's  |              | 4.8 | 41.3  | ✓ |
| 90's  |              | 5.3 | 40.8  | ✓ |
| 100's |              | 5.8 | 40.3  | ✓ |
| 110's |              | 5.6 | 40.5  | ✓ |
| 120's |              | 6.2 | 39.9  | ✓ |
| 130's |              | 6.9 | 39.2  | ✓ |
| 140's |              | 7.5 | 38.6  | ✓ |
| 150's |              | 7.8 | 38.3  | ✓ |
| 160's |              | 8.0 | 38.1  | ✓ |
| 170's |              | 8.2 | 37.9  | ✓ |
| 180's |              | 8.6 | 37.5  | ✓ |
| 190's |              | 9.4 | 36.7  | ✓ |
| 200's | See page 137 | 9.9 | 36.2  | ✓ |
| 10'N  |              | 6.8 | 39.3  | ✓ |
| 20'N  |              | 7.3 | 38.8  | ✓ |
| 30'N  |              | 7.7 | 38.4  | ✓ |
| 40'N  |              | 8.5 | 37.6  | ✓ |

|       | 546.12 |      |       |   |
|-------|--------|------|-------|---|
| 4+70  |        |      |       |   |
| 50'N  |        | 9.0  | 537.1 | ✓ |
| 60'N  |        | 9.7  | 36.4  | ✓ |
| 70'N  |        | 10.6 | 35.5  | ✓ |
| 80'N  |        | 11.6 | 34.5  | ✓ |
| 90'N  |        | 12.3 | 33.8  | ✓ |
| 100'N |        | 13.2 | 32.9  | ✓ |
| 110'N |        | 14.0 | 32.1  | ✓ |
| 120'N |        | 14.7 | 31.4  | ✓ |
| 130'N |        | 15.7 | 30.4  | ✓ |
| 140'N | END    | 16.9 | 29.2  | ✓ |
| 4+60  |        | 6.6  | 39.5  | ✓ |
| 10's  |        | 6.3  | 39.8  | ✓ |
| 20's  |        | 5.8  | 40.3  | ✓ |
| 30's  |        | 5.1  | 41.0  | ✓ |
| 40's  |        | 4.8  | 41.3  | ✓ |
| 50's  |        | 4.7  | 41.4  | ✓ |
| 60's  |        | 5.1  | 41.0  | ✓ |
| 70's  |        | 5.0  | 41.1  | ✓ |

|       | 546.12 |       |   |
|-------|--------|-------|---|
| 4+60  |        |       |   |
| 80's  | 4.9    | 541.2 | ✓ |
| 90's  | 5.2    | 40.9  | ✓ |
| 100's | 5.4    | 40.7  | ✓ |
| 110's | 5.6    | 40.5  | ✓ |
| 120's | 5.9    | 40.2  | ✓ |
| 130's | 6.7    | 39.4  | ✓ |
| 140's | 7.0    | 39.1  | ✓ |
| 150's | 7.5    | 38.6  | ✓ |
| 160's | 7.8    | 38.3  | ✓ |
| 170's | 8.2    | 37.9  | ✓ |
| 180's | 8.4    | 37.7  | ✓ |
| 190's | 9.1    | 37.0  | ✓ |
| 200's | 9.6    | 36.5  | ✓ |
| 10'N  | 7.3    | 38.8  | ✓ |
| 20'N  | 8.0    | 38.1  | ✓ |
| 30'N  | 8.5    | 37.6  | ✓ |
| 40'N  | 9.0    | 37.1  | ✓ |
| 50'N  | 9.8    | 36.3  | ✓ |

|       | 546.12 |       |   |
|-------|--------|-------|---|
| 4+60  |        |       |   |
| 60'N  | 10.7   | 535.4 | ✓ |
| 70'N  | 11.6   | 34.5  | ✓ |
| 80'N  | 12.4   | 33.7  | ✓ |
| 90'N  | 13.5   | 32.6  | ✓ |
| 100'N | 14.4   | 31.7  | ✓ |
| 110'N | 15.4   | 30.7  | ✓ |
| 120'N | 16.6   | 29.5  | ✓ |
| 4+50  | 7.1    | 39.0  | ✓ |
| 10's  | 6.8    | 39.3  | ✓ |
| 20's  | 6.4    | 39.7  | ✓ |
| 30's  | 6.2    | 39.9  | ✓ |
| 40's  | 5.4    | 40.7  | ✓ |
| 50's  | 4.9    | 41.2  | ✓ |
| 60's  | 4.8    | 41.3  | ✓ |
| 70's  | 5.0    | 41.1  | ✓ |
| 80's  | 5.3    | 40.8  | ✓ |
| 90's  | 5.3    | 40.8  | ✓ |
| 100's | 5.0    | 41.1  | ✓ |

| #50   | 546.12       |      |       |   |
|-------|--------------|------|-------|---|
| 110'S |              | 5.6  | 540.5 | ✓ |
| 120'S |              | 5.7  | 40.4  | ✓ |
| 130'S |              | 6.2  | 39.9  | ✓ |
| 140'S |              | 6.8  | 39.3  | ✓ |
| 150'S |              | 7.2  | 38.9  | ✓ |
| 160'S |              | 7.4  | 38.7  | ✓ |
| 170'S |              | 7.7  | 38.4  | ✓ |
| 180'S |              | 8.0  | 38.1  | ✓ |
| 190'S |              | 8.4  | 37.7  | ✓ |
| 200'S | see page 140 | 9.1  | 37.0  | ✓ |
| 10'N  |              | 7.8  | 38.3  | ✓ |
| 20'N  |              | 8.8  | 37.3  | ✓ |
| 30'N  |              | 9.0  | 37.1  | ✓ |
| 40'N  |              | 9.8  | 36.3  | ✓ |
| 50'N  |              | 10.6 | 35.5  | ✓ |
| 60'N  |              | 11.4 | 34.7  | ✓ |
| 70'N  |              | 12.2 | 33.9  | ✓ |
| 80'N  |              | 13.5 | 32.6  | ✓ |

| #50   | 546.12 |      |       |   |
|-------|--------|------|-------|---|
| 90'N  |        | 14.6 | 531.5 | ✓ |
| 100'N |        | 15.7 | 30.4  | ✓ |
| 110'N |        | 16.5 | 29.6  | ✓ |
| 120'N | END    | 17.7 | 28.4  | ✓ |
| 4440  |        | 7.4  | 38.7  | ✓ |
| 10'S  |        | 7.1  | 39.0  | ✓ |
| 20'S  |        | 7.0  | 39.1  | ✓ |
| 30'S  |        | 6.4  | 39.7  | ✓ |
| 40'S  |        | 5.9  | 40.2  | ✓ |
| 50'S  |        | 5.5  | 40.6  | ✓ |
| 60'S  |        | 5.0  | 41.1  | ✓ |
| 70'S  |        | 4.9  | 41.2  | ✓ |
| 80'S  |        | 5.1  | 41.0  | ✓ |
| 90'S  |        | 5.3  | 40.8  | ✓ |
| 100'S |        | 4.7  | 41.4  | ✓ |
| 110'S |        | 5.5  | 40.6  | ✓ |
| 120'S |        | 5.8  | 40.3  | ✓ |
| 130'S |        | 6.1  | 40.0  | ✓ |

|       |              |      |         |
|-------|--------------|------|---------|
| 4440  | 546.12       |      |         |
| 140'S |              | 6.4  | 539.7 ✓ |
| 150'S |              | 7.0  | 39.1 ✓  |
| 160'S |              | 7.0  | 39.1 ✓  |
| 170'S |              | 7.2  | 38.9 ✓  |
| 180'S |              | 7.6  | 38.5 ✓  |
| 190'S |              | 8.0  | 38.1 ✓  |
| 200'S | See page 141 | 8.6  | 37.5 ✓  |
| 10'N  |              | 8.1  | 38.0 ✓  |
| 20'N  |              | 9.1  | 37.0 ✓  |
| 30'N  |              | 10.0 | 36.1 ✓  |
| 40'N  |              | 10.8 | 35.3 ✓  |
| 50'N  |              | 11.5 | 34.6 ✓  |
| 60'N  |              | 12.1 | 34.0 ✓  |
| 70'N  |              | 13.1 | 33.0 ✓  |
| 80'N  |              | 14.6 | 31.5 ✓  |
| 90'N  |              | 15.7 | 30.4 ✓  |
| 100'N |              | 17.0 | 29.1 ✓  |
| 110'N |              | 18.4 | 27.7 ✓  |

|       |        |      |         |
|-------|--------|------|---------|
| 4440  | 546.12 |      |         |
| 120'N |        | 19.6 | 526.5 ✓ |
| 130'N | END    | 20.3 | 25.8 ✓  |
| 4430  |        | 8.0  | 38.1 ✓  |
| 10'S  |        | 7.4  | 38.7 ✓  |
| 20'S  |        | 7.2  | 38.9 ✓  |
| 30'S  |        | 6.9  | 39.2 ✓  |
| 40'S  |        | 6.3  | 39.8 ✓  |
| 50'S  |        | 6.0  | 40.1 ✓  |
| 60'S  |        | 5.6  | 40.5 ✓  |
| 70'S  |        | 5.2  | 40.9 ✓  |
| 80'S  |        | 4.9  | 41.2 ✓  |
| 90'S  |        | 5.1  | 41.0 ✓  |
| 100'S |        | 5.3  | 40.8 ✓  |
| 110'S |        | 5.4  | 40.7 ✓  |
| 120'S |        | 5.6  | 40.5 ✓  |
| 130'S |        | 6.0  | 40.1 ✓  |
| 140'S |        | 6.3  | 39.8 ✓  |
| 150'S |        | 6.7  | 39.4 ✓  |

|       | 546.12       |      |                            |
|-------|--------------|------|----------------------------|
| 4+30  |              |      |                            |
| 160'S |              | 6.7  | 539.4 ✓                    |
| 170'S |              | 6.8  | 39.3 ✓                     |
| 180'S |              | 7.3  | 38.8 ✓                     |
| 190'S |              | 7.6  | 38.5 ✓                     |
| 200'S | see page 143 | 8.1  | <sup>38.00</sup><br>37.6 ✓ |
| 10'N  |              | 8.3  | 37.8 ✓                     |
| 20'N  |              | 9.6  | 36.5 ✓                     |
| 30'N  |              | 10.4 | 35.7 ✓                     |
| 40'N  |              | 11.5 | 34.6 ✓                     |
| 50'N  |              | 12.2 | 33.9 ✓                     |
| 60'N  |              | 13.0 | 33.1 ✓                     |
| 70'N  |              | 14.1 | 32.0 ✓                     |
| 80'N  |              | 15.3 | 30.8 ✓                     |
| 90'N  |              | 16.5 | 29.6 ✓                     |
| 100'N |              | 18.1 | 28.0 ✓                     |
| 110'N |              | 19.1 | 27.0 ✓                     |
| 120'N |              | 20.2 | 25.9 ✓                     |
| 130'N | END          | 20.8 | 25.3 ✓                     |

|       | 546.12 |     |         |
|-------|--------|-----|---------|
| 4+20  |        |     |         |
| 10'S  |        | 8.3 | 537.8 ✓ |
| 20'S  |        | 7.8 | 38.3 ✓  |
| 30'S  |        | 7.5 | 38.6 ✓  |
| 40'S  |        | 7.0 | 39.1 ✓  |
| 50'S  |        | 6.6 | 39.5 ✓  |
| 60'S  |        | 5.9 | 40.2 ✓  |
| 70'S  |        | 5.6 | 40.5 ✓  |
| 80'S  |        | 5.5 | 40.6 ✓  |
| 90'S  |        | 5.2 | 40.9 ✓  |
| 100'S |        | 4.9 | 41.2 ✓  |
| 110'S |        | 5.2 | 40.9 ✓  |
| 120'S |        | 5.7 | 40.4 ✓  |
| 130'S |        | 5.4 | 40.7 ✓  |
| 140'S |        | 5.9 | 40.2 ✓  |
| 150'S |        | 6.2 | 39.9 ✓  |
| 160'S |        | 6.4 | 39.7 ✓  |
| 170'S |        | 6.3 | 39.8 ✓  |
|       |        | 6.6 | 39.5 ✓  |

119

|       |              |      |         |
|-------|--------------|------|---------|
| 4120  | 546.12       |      |         |
| 186'S |              | 7.0  | 539.1 ✓ |
| 190'S |              | 7.5  | 38.6 ✓  |
| 200'S | see page 144 | 7.6  | 38.5 ✓  |
| 10'N  |              | 9.1  | 37.0 ✓  |
| 20'N  |              | 10.2 | 35.9 ✓  |
| 30'N  |              | 11.0 | 35.1 ✓  |
| 40'N  |              | 12.0 | 34.1 ✓  |
| 50'N  |              | 13.0 | 33.1 ✓  |
| 60'N  |              | 13.8 | 32.3 ✓  |
| 70'N  |              | 15.0 | 31.1 ✓  |
| 80'N  |              | 16.0 | 30.1 ✓  |
| 90'N  |              | 17.3 | 28.8 ✓  |
| 100'N |              | 19.0 | 27.1 ✓  |
| 110'N |              | 20.0 | 26.1 ✓  |
| 120'N | END          | 21.4 | 24.7 ✓  |
| 4410  |              | 8.6  | 37.5 ✓  |
| 10'S  |              | 8.1  | 38.0 ✓  |
| 20'S  |              | 7.8  | 38.3 ✓  |

120

|       |              |     |         |
|-------|--------------|-----|---------|
| 4410  | 546.12       |     |         |
| 30'S  |              | 7.6 | 538.5 ✓ |
| 40'S  |              | 7.3 | 38.8 ✓  |
| 50'S  |              | 6.7 | 39.4 ✓  |
| 60'S  |              | 6.4 | 39.7 ✓  |
| 70'S  |              | 5.9 | 40.2 ✓  |
| 80'S  |              | 5.7 | 40.4 ✓  |
| 90'S  |              | 5.2 | 40.9 ✓  |
| 100'S |              | 5.0 | 41.1 ✓  |
| 110'S |              | 5.1 | 41.0 ✓  |
| 120'S |              | 5.4 | 40.7 ✓  |
| 130'S |              | 5.5 | 40.6 ✓  |
| 140'S |              | 6.0 | 40.1 ✓  |
| 150'S |              | 6.4 | 39.7 ✓  |
| 160'S |              | 6.5 | 39.6 ✓  |
| 170'S |              | 6.5 | 39.6 ✓  |
| 180'S |              | 6.7 | 39.4 ✓  |
| 190'S |              | 7.0 | 39.1 ✓  |
| 200'S | see page 146 | 7.4 | 38.7 ✓  |

|       | 546.12 |      |       |   |
|-------|--------|------|-------|---|
| 4+10  |        |      |       |   |
| 10'N  |        | 9.6  | 536.5 | ✓ |
| 20'N  |        | 10.5 | 35.6  | ✓ |
| 30'N  |        | 11.5 | 34.6  | ✓ |
| 40'N  |        | 12.6 | 33.5  | ✓ |
| 50'N  |        | 13.4 | 32.7  | ✓ |
| 60'N  |        | 14.2 | 31.9  | ✓ |
| 70'N  |        | 14.7 | 31.4  | ✓ |
| 80'N  |        | 16.5 | 29.6  | ✓ |
| 90'N  |        | 18.2 | 27.9  | ✓ |
| 100'N |        | 19.5 | 26.6  | ✓ |
| 110'N |        | 20.9 | 25.2  | ✓ |
| 120'N | END    | 21.5 | 24.6  | ✓ |
| 4+00  |        | 8.8  | 37.3  | ✓ |
| 10'S  |        | 8.4  | 37.7  | ✓ |
| 20'S  |        | 8.2  | 37.9  | ✓ |
| 30'S  |        | 8.0  | 38.1  | ✓ |
| 40'S  |        | 7.7  | 38.4  | ✓ |
| 50'S  |        | 7.1  | 39.0  | ✓ |

|       | 546.12       |      |       |   |
|-------|--------------|------|-------|---|
| 4+00  |              |      |       |   |
| 60'S  |              | 6.7  | 539.4 | ✓ |
| 70'S  |              | 6.1  | 40.0  | ✓ |
| 80'S  |              | 6.3  | 39.8  | ✓ |
| 90'S  |              | 5.5  | 40.6  | ✓ |
| 100'S |              | 5.4  | 40.7  | ✓ |
| 110'S |              | 5.0  | 41.1  | ✓ |
| 120'S |              | 5.2  | 40.9  | ✓ |
| 130'S |              | 5.5  | 40.6  | ✓ |
| 140'S |              | 5.8  | 40.3  | ✓ |
| 150'S |              | 6.4  | 39.7  | ✓ |
| 160'S |              | 6.7  | 39.4  | ✓ |
| 170'S |              | 6.6  | 39.5  | ✓ |
| 180'S |              | 6.6  | 39.5  | ✓ |
| 190'S |              | 6.8  | 39.3  | ✓ |
| 200'S | see page 147 | 7.7  | 38.4  | ✓ |
| 10'N  |              | 9.9  | 36.2  | ✓ |
| 20'N  |              | 11.0 | 35.1  | ✓ |
| 30'N  |              | 12.0 | 34.1  | ✓ |



|       |      |        |       |          |
|-------|------|--------|-------|----------|
| 4+00  |      | 546.12 |       |          |
| 40'N  |      | 13.2   | 532.9 | ✓        |
| 50'N  |      | 14.0   | 32.1  | ✓        |
| 60'N  |      | 15.1   | 31.0  | ✓        |
| 70'N  |      | 16.2   | 29.9  | ✓        |
| 80'N  |      | 17.4   | 28.7  | ✓        |
| 90'N  |      | 19.0   | 27.1  | ✓        |
| 100'N |      | 20.4   | 25.7  | ✓        |
| 110'N |      | 21.6   | 24.5  | ✓        |
| 120'N | END  | 23.0   | 23.1  | ✓        |
| TP    | 2.07 | 538.91 | 9.28  | 536.84 ✓ |
| 5+80  |      |        |       |          |
| 210's |      | 5.7    | 533.2 | ✓        |
| 220's |      | 6.2    | 32.7  | ✓        |
| 230's |      | 6.6    | 32.3  | ✓        |
| 240's |      | 7.0    | 31.9  | ✓        |
| 250's |      | 7.4    | 31.5  | ✓        |
| 260's |      | 7.8    | 31.1  | ✓        |

|       |     |        |       |   |
|-------|-----|--------|-------|---|
| 5+80  |     | 538.91 |       |   |
| 270's |     | 8.2    | 530.7 | ✓ |
| 280's |     | 8.6    | 30.3  | ✓ |
| 290's |     | 9.0    | 29.9  | ✓ |
| 300's |     | 9.3    | 29.6  | ✓ |
| 310's |     | 9.7    | 29.2  | ✓ |
| 320's |     | 10.3   | 28.6  | ✓ |
| 330's |     | 10.7   | 28.2  | ✓ |
| 340's |     | 11.0   | 27.9  | ✓ |
| 350's |     | 11.5   | 27.4  | ✓ |
| 360's |     | 11.9   | 27.0  | ✓ |
| 370's |     | 12.1   | 26.8  | ✓ |
| 380's |     | 12.5   | 26.4  | ✓ |
| 390's |     | 12.7   | 26.2  | ✓ |
| 400's | END | 13.1   | 25.8  | ✓ |
| 5+70  |     |        |       |   |
| 210's |     | 5.6    | 33.3  | ✓ |
| 220's |     | 6.0    | 32.9  | ✓ |
| 230's |     | 6.3    | 32.6  | ✓ |
| 240's |     | 6.8    | 32.1  | ✓ |

|       | 538.91 |      |         |
|-------|--------|------|---------|
| 5170  |        |      |         |
| 250's |        | 7.2  | 531.7 ✓ |
| 260's |        | 7.5  | 31.4 ✓  |
| 270's |        | 8.0  | 30.9 ✓  |
| 280's |        | 8.2  | 30.7 ✓  |
| 290's |        | 8.6  | 30.3 ✓  |
| 300's |        | 9.1  | 29.8 ✓  |
| 310's |        | 9.4  | 29.5 ✓  |
| 320's |        | 9.8  | 29.1 ✓  |
| 330's |        | 10.2 | 28.7 ✓  |
| 340's |        | 10.7 | 28.2 ✓  |
| 350's |        | 11.0 | 27.9 ✓  |
| 360's |        | 11.3 | 27.6 ✓  |
| 370's |        | 11.9 | 27.0 ✓  |
| 380's |        | 12.2 | 26.7 ✓  |
| 390's |        | 12.6 | 26.3 ✓  |
| 400's | END    | 13.0 | 25.9 ✓  |
| 5160  |        |      |         |
| 210's |        | 5.4  | 33.5 ✓  |
| 220's |        | 5.7  | 33.2 ✓  |

|       | 538.91 |      |         |
|-------|--------|------|---------|
| 5160  |        |      |         |
| 230's |        | 6.2  | 532.7 ✓ |
| 240's |        | 6.6  | 32.3 ✓  |
| 250's |        | 6.9  | 32.0 ✓  |
| 260's |        | 7.2  | 31.7 ✓  |
| 270's |        | 7.6  | 31.3 ✓  |
| 280's |        | 8.0  | 30.9 ✓  |
| 290's |        | 8.5  | 30.4 ✓  |
| 300's |        | 8.9  | 30.0 ✓  |
| 310's |        | 9.1  | 29.8 ✓  |
| 320's |        | 9.6  | 29.3 ✓  |
| 330's |        | 10.1 | 28.8 ✓  |
| 340's |        | 10.3 | 28.6 ✓  |
| 350's |        | 10.7 | 28.2 ✓  |
| 360's |        | 11.2 | 27.7 ✓  |
| 370's |        | 11.6 | 27.3 ✓  |
| 380's |        | 12.0 | 26.9 ✓  |
| 390's |        | 12.3 | 26.6 ✓  |
| 400's | END    | 12.6 | 26.3 ✓  |

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|       | 538.91 |      |         |
|-------|--------|------|---------|
| 5150  |        |      |         |
| 210's |        | 5.0  | 533.9 ✓ |
| 220's |        | 5.5  | 33.4 ✓  |
| 230's |        | 5.8  | 33.1 ✓  |
| 240's |        | 6.1  | 32.8 ✓  |
| 250's |        | 6.4  | 32.5 ✓  |
| 260's |        | 6.7  | 32.2 ✓  |
| 270's |        | 7.2  | 31.7 ✓  |
| 280's |        | 7.7  | 31.2 ✓  |
| 290's |        | 8.2  | 30.7 ✓  |
| 300's |        | 8.7  | 30.2 ✓  |
| 310's |        | 9.0  | 29.9 ✓  |
| 320's |        | 9.4  | 29.5 ✓  |
| 330's |        | 9.7  | 29.2 ✓  |
| 340's |        | 10.1 | 28.8 ✓  |
| 350's |        | 10.5 | 28.4 ✓  |
| 360's |        | 10.9 | 28.0 ✓  |
| 370's |        | 11.4 | 27.5 ✓  |
| 380's |        | 11.8 | 27.1 ✓  |

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|               | 538.91 |      |         |
|---------------|--------|------|---------|
| 5150          |        |      |         |
| 390's         |        | 12.3 | 526.6 ✓ |
| 400's         | END    | 12.6 | 26.3 ✓  |
| 5140<br>210's |        | 4.8  | 34.1 ✓  |
| 220's         |        | 5.2  | 33.7 ✓  |
| 230's         |        | 5.6  | 33.3 ✓  |
| 240's         |        | 5.8  | 33.1 ✓  |
| 250's         |        | 6.1  | 32.8 ✓  |
| 260's         |        | 6.6  | 32.3 ✓  |
| 270's         |        | 6.9  | 32.0 ✓  |
| 280's         |        | 7.4  | 31.5 ✓  |
| 290's         |        | 7.8  | 31.1 ✓  |
| 300's         |        | 8.2  | 30.7 ✓  |
| 310's         |        | 8.7  | 30.2 ✓  |
| 320's         |        | 9.2  | 29.7 ✓  |
| 330's         |        | 9.6  | 29.3 ✓  |
| 340's         |        | 10.0 | 28.9 ✓  |
| 350's         |        | 10.3 | 28.6 ✓  |
| 360's         |        | 10.7 | 28.2 ✓  |

|       | 538.91 |       |   |
|-------|--------|-------|---|
| 5440  |        |       |   |
| 370's | 11.3   | 527.6 | ✓ |
| 380's | 11.7   | 27.2  | ✓ |
| 390's | 12.0   | 26.9  | ✓ |
| 400's | 12.2   | 26.7  | ✓ |
| 410's | 12.7   | 26.2  | ✓ |
| 420's | 12.2   | 25.7  | ✓ |
|       |        |       | ✓ |
| 5430  |        |       |   |
| 210's | 4.4    | 34.5  | ✓ |
| 220's | 4.9    | 34.0  | ✓ |
| 230's | 5.2    | 33.7  | ✓ |
| 240's | 5.5    | 33.4  | ✓ |
| 250's | 5.8    | 33.1  | ✓ |
| 260's | 6.0    | 32.9  | ✓ |
| 270's | 6.6    | 32.3  | ✓ |
| 280's | 7.0    | 31.9  | ✓ |
| 290's | 7.4    | 31.5  | ✓ |
| 300's | 7.8    | 31.1  | ✓ |
| 310's | 8.2    | 30.7  | ✓ |

|       | 538.91 |       |   |
|-------|--------|-------|---|
| 5430  |        |       |   |
| 320's | 8.8    | 530.1 | ✓ |
| 330's | 9.2    | 29.7  | ✓ |
| 340's | 9.6    | 29.3  | ✓ |
| 350's | 10.1   | 29.6  | ✓ |
| 360's | 10.4   | 28.8  | ✓ |
| 370's | 10.4   | 28.5  | ✓ |
| 380's | 10.8   | 28.1  | ✓ |
| 380's | 11.2   | 27.7  | ✓ |
| 390's | 11.6   | 27.3  | ✓ |
| 400's | 12.1   | 26.8  | ✓ |
| 410's | 12.5   | 26.4  | ✓ |
| 420's | 13.0   | 25.9  | ✓ |
| 5420  |        |       |   |
| 210's | 4.3    | 34.6  | ✓ |
| 220's | 4.6    | 34.3  | ✓ |
| 230's | 4.8    | 34.1  | ✓ |
| 240's | 5.1    | 33.8  | ✓ |
| 250's | 5.5    | 33.4  | ✓ |
| 260's | 5.9    | 33.0  | ✓ |
| 270's | 6.4    | 32.5  | ✓ |

|               | 538.91 |      |       |   |
|---------------|--------|------|-------|---|
| 5+20          |        |      |       |   |
| 280's         |        | 6.8  | 532.1 | ✓ |
| 290's         |        | 7.1  | 31.8  | ✓ |
| 300's         |        | 7.6  | 31.3  | ✓ |
| 310's         |        | 8.0  | 30.9  | ✓ |
| 320's         |        | 8.5  | 30.4  | ✓ |
| 330's         |        | 8.9  | 30.0  | ✓ |
| 340's         |        | 9.3  | 29.6  | ✓ |
| 350's         |        | 9.7  | 29.2  | ✓ |
| 360's         |        | 10.1 | 28.8  | ✓ |
| 370's         |        | 10.6 | 28.3  | ✓ |
| 380's         |        | 11.0 | 27.9  | ✓ |
| 390's         |        | 11.4 | 27.5  | ✓ |
| 400's         |        | 11.7 | 27.2  | ✓ |
| 410's         |        | 12.2 | 26.7  | ✓ |
| 420's         | ENID   | 12.7 | 26.2  | ✓ |
| 5+10<br>210's |        | 4.1  | 34.8  | ✓ |
| 220's         |        | 4.5  | 34.4  | ✓ |
| 230's         |        | 4.8  | 34.1  | ✓ |

|       | 538.91 |      |       |   |
|-------|--------|------|-------|---|
| 5+10  |        |      |       |   |
| 240's |        | 5.0  | 533.9 | ✓ |
| 250's |        | 5.3  | 33.6  | ✓ |
| 260's |        | 5.5  | 33.4  | ✓ |
| 270's |        | 6.0  | 32.9  | ✓ |
| 280's |        | 6.6  | 32.3  | ✓ |
| 290's |        | 6.8  | 32.1  | ✓ |
| 300's |        | 7.2  | 31.7  | ✓ |
| 310's |        | 7.6  | 31.3  | ✓ |
| 320's |        | 8.1  | 30.8  | ✓ |
| 330's |        | 8.6  | 30.3  | ✓ |
| 340's |        | 9.2  | 29.7  | ✓ |
| 350's |        | 9.5  | 29.4  | ✓ |
| 360's |        | 9.8  | 29.1  | ✓ |
| 370's |        | 10.1 | 28.8  | ✓ |
| 380's |        | 10.6 | 28.3  | ✓ |
| 390's |        | 11.0 | 27.9  | ✓ |
| 400's |        | 11.4 | 27.5  | ✓ |
| 410's |        | 12.0 | 26.9  | ✓ |

|               | 538.91 |      |         |
|---------------|--------|------|---------|
| 510           |        |      |         |
| 420's         | END    | 12.4 | 526.5 ✓ |
| 5100<br>310's |        | 3.8  | 35.1 ✓  |
| 220's         |        | 4.5  | 34.4 ✓  |
| 230's         |        | 4.8  | 34.1 ✓  |
| 240's         |        | 5.1  | 33.8 ✓  |
| 250's         |        | 5.4  | 33.5 ✓  |
| 260's         |        | 5.8  | 33.1 ✓  |
| 270's         |        | 6.2  | 32.7 ✓  |
| 280's         |        | 6.6  | 32.3 ✓  |
| 290's         |        | 7.0  | 31.9 ✓  |
| 300's         |        | 7.4  | 31.5 ✓  |
| 310's         |        | 8.0  | 30.9 ✓  |
| 320's         |        | 8.3  | 30.6 ✓  |
| 330's         |        | 8.9  | 30.0 ✓  |
| 340's         |        | 9.2  | 29.7 ✓  |
| 350's         |        | 9.6  | 29.3 ✓  |
| 360's         |        | 10.0 | 28.9 ✓  |
| 370's         |        | 10.5 | 28.4 ✓  |

|               | 538.91 |      |         |
|---------------|--------|------|---------|
| 5100          |        |      |         |
| 380's         | END    | 10.7 | 528.2 ✓ |
| 390's         |        | 11.1 | 27.8 ✓  |
| 400's         |        | 11.5 | 27.4 ✓  |
| 410's         |        | 11.9 | 27.0 ✓  |
| 420's         |        | 12.5 | 26.4 ✓  |
| 430's         |        | 12.8 | 26.1 ✓  |
| 440's         | END    | 12.8 | 26.1 ✓  |
| 4190<br>210's |        | 3.5  | 35.4 ✓  |
| 220's         |        | 3.9  | 35.0 ✓  |
| 230's         |        | 4.3  | 34.6 ✓  |
| 240's         |        | 4.6  | 34.3 ✓  |
| 250's         |        | 4.8  | 34.1 ✓  |
| 260's         |        | 5.2  | 33.7 ✓  |
| 270's         |        | 5.5  | 33.4 ✓  |
| 280's         |        | 6.1  | 32.8 ✓  |
| 290's         |        | 6.5  | 32.4 ✓  |
| 300's         |        | 6.9  | 32.0 ✓  |
| 310's         |        | 7.3  | 31.6 ✓  |

|               |        |       |   |
|---------------|--------|-------|---|
| 4190          | 538.91 |       |   |
| 320's         | 7.7    | 531.2 | ✓ |
| 330's         | 8.1    | 30.8  | ✓ |
| 340's         | 8.5    | 30.4  | ✓ |
| 350's         | 9.0    | 29.9  | ✓ |
| 360's         | 9.3    | 29.6  | ✓ |
| 370's         | 9.6    | 29.3  | ✓ |
| 380's         | 10.0   | 28.9  | ✓ |
| 390's         | 10.5   | 28.4  | ✓ |
| 400's         | 10.8   | 28.1  | ✓ |
| 410's         | 11.2   | 27.7  | ✓ |
| 420's         | 11.7   | 27.2  | ✓ |
| 430's         | 12.0   | 26.9  | ✓ |
| 440's         | 12.6   | 26.3  | ✓ |
| 440's END     |        |       |   |
| 4480<br>210's | 3.5    | 35.4  | ✓ |
| 220's         | 3.6    | 35.3  | ✓ |
| 220's         | 3.9    | 35.0  | ✓ |
| 240's         | 4.3    | 34.6  | ✓ |
| 250's         | 4.8    | 34.1  | ✓ |

|       |        |       |   |
|-------|--------|-------|---|
| 4480  | 538.91 |       |   |
| 260's | 5.1    | 533.8 | ✓ |
| 270's | 5.4    | 33.5  | ✓ |
| 280's | 5.8    | 33.1  | ✓ |
| 290's | 6.2    | 32.7  | ✓ |
| 300's | 6.6    | 32.3  | ✓ |
| 310's | 7.2    | 31.7  | ✓ |
| 320's | 7.5    | 31.4  | ✓ |
| 330's | 8.0    | 30.9  | ✓ |
| 340's | 8.3    | 30.6  | ✓ |
| 350's | 8.8    | 30.1  | ✓ |
| 360's | 9.1    | 29.8  | ✓ |
| 370's | 9.5    | 29.4  | ✓ |
| 380's | 9.8    | 29.1  | ✓ |
| 390's | 10.4   | 28.5  | ✓ |
| 400's | 10.7   | 28.2  | ✓ |
| 410's | 11.2   | 27.7  | ✓ |
| 420's | 11.5   | 27.4  | ✓ |
| 430's | 11.9   | 27.0  | ✓ |

|               |        |      |         |
|---------------|--------|------|---------|
| 4+80          | 538.91 |      |         |
| 440's         |        | 12.3 | 526.6 ✓ |
| 450's         |        | 12.8 | 26.1 ✓  |
| 460's         | END    | 13.2 | 25.7 ✓  |
| 4+70<br>210's |        | 3.1  | 35.8 ✓  |
| 220's         |        | 3.3  | 35.6 ✓  |
| 230's         |        | 3.7  | 35.2 ✓  |
| 240's         |        | 4.0  | 34.9 ✓  |
| 250's         |        | 4.3  | 34.6 ✓  |
| 260's         |        | 4.7  | 34.2 ✓  |
| 270's         |        | 5.1  | 33.8 ✓  |
| 280's         |        | 5.6  | 33.3 ✓  |
| 290's         |        | 5.9  | 33.0 ✓  |
| 300's         |        | 6.4  | 32.5 ✓  |
| 310's         |        | 7.0  | 31.9 ✓  |
| 320's         |        | 7.5  | 31.4 ✓  |
| 330's         |        | 7.8  | 31.1 ✓  |
| 340's         |        | 8.2  | 30.7 ✓  |
| 350's         |        | 8.6  | 30.3 ✓  |

|               |        |      |         |
|---------------|--------|------|---------|
| 4+70          | 538.91 |      |         |
| 360's         |        | 9.1  | 529.8 ✓ |
| 370's         |        | 9.4  | 29.5 ✓  |
| 380's         |        | 9.9  | 29.0 ✓  |
| 390's         |        | 10.1 | 28.8 ✓  |
| 400's         |        | 10.7 | 28.2 ✓  |
| 410's         |        | 11.0 | 27.9 ✓  |
| 420's         |        | 11.3 | 27.6 ✓  |
| 430's         |        | 11.6 | 27.3 ✓  |
| 440's         |        | 12.1 | 26.8 ✓  |
| 450's         |        | 12.5 | 26.4 ✓  |
| 460's         | END    | 13.0 | 25.9 ✓  |
| 4+60<br>210's |        | 2.8  | 36.1 ✓  |
| 220's         |        | 3.1  | 35.8 ✓  |
| 230's         |        | 3.4  | 35.5 ✓  |
| 240's         |        | 3.8  | 35.1 ✓  |
| 250's         |        | 4.1  | 34.8 ✓  |
| 260's         |        | 4.6  | 34.3 ✓  |
| 270's         |        | 4.8  | 34.1 ✓  |



139

538.91

|       |      |       |   |
|-------|------|-------|---|
| 4160  |      |       |   |
| 280's | 5.4  | 533.5 | ✓ |
| 290's | 5.7  | 33.2  | ✓ |
| 300's | 6.2  | 32.7  | ✓ |
| 310's | 6.7  | 32.2  | ✓ |
| 320's | 7.1  | 31.8  | ✓ |
| 330's | 7.5  | 31.4  | ✓ |
| 340's | 8.0  | 30.9  | ✓ |
| 350's | 8.5  | 30.4  | ✓ |
| 360's | 9.0  | 29.9  | ✓ |
| 370's | 9.4  | 29.5  | ✓ |
| 380's | 9.7  | 29.2  | ✓ |
| 390's | 10.0 | 28.9  | ✓ |
| 400's | 10.4 | 28.5  | ✓ |
| 410's | 10.9 | 28.0  | ✓ |
| 420's | 11.2 | 27.7  | ✓ |
| 430's | 11.7 | 27.2  | ✓ |
| 440's | 12.0 | 26.9  | ✓ |
| 450's | 12.4 | 26.5  | ✓ |

140

538.91

|               |     |      |       |   |
|---------------|-----|------|-------|---|
| 4160          |     |      |       |   |
| 460's         | END | 12.8 | 526.1 | ✓ |
| 4150<br>210's |     | 2.3  | 36.6  | ✓ |
| 220's         |     | 2.9  | 36.0  | ✓ |
| 230's         |     | 3.1  | 35.8  | ✓ |
| 240's         |     | 3.5  | 35.4  | ✓ |
| 250's         |     | 3.8  | 35.1  | ✓ |
| 260's         |     | 4.2  | 34.7  | ✓ |
| 270's         |     | 4.6  | 34.3  | ✓ |
| 280's         |     | 5.0  | 33.9  | ✓ |
| 290's         |     | 5.5  | 33.4  | ✓ |
| 300's         |     | 5.9  | 33.0  | ✓ |
| 310's         |     | 6.5  | 32.4  | ✓ |
| 320's         |     | 6.9  | 32.0  | ✓ |
| 330's         |     | 7.4  | 31.5  | ✓ |
| 340's         |     | 7.6  | 31.3  | ✓ |
| 350's         |     | 8.3  | 30.6  | ✓ |
| 360's         |     | 8.8  | 30.1  | ✓ |
| 370's         |     | 9.2  | 29.7  | ✓ |

538.91

|       |     |      |         |
|-------|-----|------|---------|
| 4750  |     |      |         |
| 380's |     | 9.5  | 529.4 ✓ |
| 390's |     | 10.0 | 28.9 ✓  |
| 400's |     | 10.2 | 28.7 ✓  |
| 410's |     | 10.7 | 28.2 ✓  |
| 420's |     | 11.0 | 27.9 ✓  |
| 430's |     | 11.2 | 27.7 ✓  |
| 440's |     | 11.7 | 27.2 ✓  |
| 450's |     | 12.0 | 26.9 ✓  |
| 460's | END | 12.3 | 26.6 ✓  |
| 4740  |     |      |         |
| 210's |     | 2.2  | 36.7 ✓  |
| 220's |     | 2.6  | 36.3 ✓  |
| 230's |     | 2.9  | 36.0 ✓  |
| 240's |     | 3.2  | 35.7 ✓  |
| 250's |     | 3.5  | 35.4 ✓  |
| 260's |     | 4.0  | 34.9 ✓  |
| 270's |     | 4.2  | 34.7 ✓  |
| 280's |     | 4.8  | 34.1 ✓  |
| 290's |     | 5.2  | 33.7 ✓  |

538.91

|       |  |      |         |
|-------|--|------|---------|
| 4740  |  |      |         |
| 300's |  | 5.6  | 533.3 ✓ |
| 310's |  | 6.1  | 32.8 ✓  |
| 320's |  | 6.7  | 32.2 ✓  |
| 330's |  | 7.1  | 31.8 ✓  |
| 340's |  | 7.6  | 31.3 ✓  |
| 350's |  | 8.0  | 30.9 ✓  |
| 360's |  | 8.5  | 30.4 ✓  |
| 370's |  | 8.8  | 30.1 ✓  |
| 380's |  | 9.1  | 29.8 ✓  |
| 390's |  | 9.5  | 29.4 ✓  |
| 400's |  | 9.9  | 29.0 ✓  |
| 410's |  | 10.4 | 28.5 ✓  |
| 420's |  | 10.8 | 28.1 ✓  |
| 430's |  | 11.2 | 27.7 ✓  |
| 440's |  | 11.4 | 27.5 ✓  |
| 450's |  | 11.8 | 27.1 ✓  |
| 460's |  | 12.1 | 26.8 ✓  |
| 470's |  | 12.6 | 26.3 ✓  |

143

|              |        |      |         |
|--------------|--------|------|---------|
| 440          | 538.91 |      |         |
| 480's        | END    | 13.0 | 525.9 ✓ |
| 430<br>210's |        | 1.8  | 37.1 ✓  |
| 220's        |        | 2.4  | 36.5 ✓  |
| 230's        |        | 2.7  | 36.2 ✓  |
| 240's        |        | 3.0  | 35.9 ✓  |
| 250's        |        | 3.2  | 35.7 ✓  |
| 260's        |        | 3.6  | 35.3 ✓  |
| 270's        |        | 4.1  | 34.8 ✓  |
| 280's        |        | 4.4  | 34.5 ✓  |
| 290's        |        | 4.9  | 34.0 ✓  |
| 300's        |        | 5.4  | 33.5 ✓  |
| 310's        |        | 5.9  | 33.0 ✓  |
| 320's        |        | 6.5  | 32.4 ✓  |
| 330's        |        | 6.8  | 32.1 ✓  |
| 340's        |        | 7.3  | 31.6 ✓  |
| 350's        |        | 7.8  | 31.1 ✓  |
| 360's        |        | 8.1  | 30.8 ✓  |
| 370's        |        | 8.6  | 30.3 ✓  |

144

|              |        |      |         |
|--------------|--------|------|---------|
| 430          | 538.91 |      |         |
| 380's        |        | 8.8  | 530.1 ✓ |
| 390's        |        | 9.2  | 29.7 ✓  |
| 400's        |        | 9.6  | 29.3 ✓  |
| 410's        |        | 10.3 | 28.6 ✓  |
| 420's        |        | 10.5 | 28.4 ✓  |
| 430's        |        | 11.0 | 27.9 ✓  |
| 440's        |        | 11.1 | 27.8 ✓  |
| 450's        |        | 11.4 | 27.5 ✓  |
| 460's        |        | 11.9 | 27.0 ✓  |
| 470's        |        | 12.3 | 26.6 ✓  |
| 480's        | END    | 12.6 | 26.3 ✓  |
| 420<br>210's |        | 1.4  | 37.5 ✓  |
| 220's        |        | 2.3  | 36.6 ✓  |
| 230's        |        | 2.6  | 36.3 ✓  |
| 240's        |        | 2.9  | 36.0 ✓  |
| 250's        |        | 3.1  | 35.8 ✓  |
| 260's        |        | 3.4  | 35.5 ✓  |
| 270's        |        | 3.8  | 35.1 ✓  |

|       |        |      |         |
|-------|--------|------|---------|
| 4+20  | 538.91 |      |         |
| 280's |        | 4.2  | 534.7 ✓ |
| 290's |        | 4.6  | 34.3 ✓  |
| 300's |        | 5.1  | 33.8 ✓  |
| 310's |        | 5.7  | 33.2 ✓  |
| 320's |        | 6.2  | 32.7 ✓  |
| 330's |        | 6.6  | 32.3 ✓  |
| 340's |        | 9.2  | 31.7 ✓  |
| 350's |        | 7.5  | 31.4 ✓  |
| 360's |        | 7.9  | 31.0 ✓  |
| 370's |        | 8.3  | 30.6 ✓  |
| 380's |        | 8.7  | 30.2 ✓  |
| 390's |        | 8.9  | 30.0 ✓  |
| 400's |        | 9.4  | 29.5 ✓  |
| 410's |        | 9.7  | 29.2 ✓  |
| 420's |        | 10.2 | 28.7 ✓  |
| 430's |        | 10.6 | 28.3 ✓  |
| 440's |        | 11.0 | 27.9 ✓  |
| 450's |        | 11.4 | 27.5 ✓  |

|               |        |      |         |
|---------------|--------|------|---------|
| 4+20          | 538.91 |      |         |
| 460's         |        | 11.7 | 527.2 ✓ |
| 470's         |        | 12.1 | 26.8 ✓  |
| 480's         | END    | 12.5 | 26.4 ✓  |
| 4+10<br>210's |        | 0.8  | 38.1 ✓  |
| 220's         |        | 2.0  | 36.9 ✓  |
| 230's         |        | 2.2  | 36.7 ✓  |
| 240's         |        | 2.6  | 36.3 ✓  |
| 250's         |        | 3.0  | 35.9 ✓  |
| 260's         |        | 3.4  | 35.5 ✓  |
| 270's         |        | 3.6  | 35.3 ✓  |
| 280's         |        | 4.2  | 34.7 ✓  |
| 290's         |        | 4.4  | 34.5 ✓  |
| 300's         |        | 5.0  | 33.9 ✓  |
| 310's         |        | 5.6  | 33.3 ✓  |
| 320's         |        | 5.8  | 33.1 ✓  |
| 330's         |        | 6.3  | 32.6 ✓  |
| 340's         |        | 6.7  | 32.2 ✓  |
| 350's         |        | 7.3  | 31.6 ✓  |

147

|               |        |       |   |
|---------------|--------|-------|---|
| 4+10          | 538.91 |       |   |
| 360's         | 7.8    | 531.1 | ✓ |
| 370's         | 8.2    | 30.7  | ✓ |
| 380's         | 8.4    | 30.5  | ✓ |
| 390's         | 8.7    | 30.2  | ✓ |
| 400's         | 9.0    | 29.9  | ✓ |
| 410's         | 9.6    | 29.3  | ✓ |
| 420's         | 10.0   | 28.9  | ✓ |
| 430's         | 10.4   | 28.5  | ✓ |
| 440's         | 10.8   | 28.1  | ✓ |
| 450's         | 11.2   | 27.7  | ✓ |
| 460's         | 11.6   | 27.3  | ✓ |
| 470's         | 12.0   | 26.9  | ✓ |
| 480's         | 12.3   | 26.6  | ✓ |
| 4+00<br>210's | 1.2    | 37.7  | ✓ |
| 220's         | 1.8    | 37.1  | ✓ |
| 230's         | 2.0    | 36.9  | ✓ |
| 240's         | 2.5    | 36.4  | ✓ |
| 250's         | 2.9    | 36.0  | ✓ |

148

|       |        |       |   |
|-------|--------|-------|---|
| 4+00  | 538.91 |       |   |
| 260's | 3.4    | 535.5 | ✓ |
| 270's | 3.6    | 35.3  | ✓ |
| 280's | 3.9    | 35.0  | ✓ |
| 290's | 4.4    | 34.5  | ✓ |
| 300's | 4.8    | 34.1  | ✓ |
| 310's | 5.2    | 33.7  | ✓ |
| 320's | 5.6    | 33.3  | ✓ |
| 330's | 6.0    | 32.9  | ✓ |
| 340's | 6.4    | 32.5  | ✓ |
| 350's | 7.1    | 31.8  | ✓ |
| 360's | 7.5    | 31.4  | ✓ |
| 370's | 7.8    | 31.1  | ✓ |
| 380's | 8.2    | 30.7  | ✓ |
| 390's | 8.6    | 30.3  | ✓ |
| 400's | 9.0    | 29.9  | ✓ |
| 410's | 9.4    | 29.5  | ✓ |
| 420's | 9.7    | 29.2  | ✓ |
| 430's | 10.1   | 28.8  | ✓ |

|       |        |      |         |
|-------|--------|------|---------|
|       | 538.91 |      |         |
| 4100  |        |      |         |
| 440's |        | 10.5 | 528.4 ✓ |
| 450's |        | 11.0 | 27.9 ✓  |
| 460's |        | 11.4 | 27.5 ✓  |
| 470's |        | 11.9 | 27.0 ✓  |
| 480's |        | 12.2 | 26.7 ✓  |
| 490's |        | 12.5 | 26.4 ✓  |
| 500's | END    | 12.8 | 26.1 ✓  |

T.P. 8.54 545.38 2.07 536.84 ✓

|      |  |     |         |
|------|--|-----|---------|
| 3+90 |  | 8.5 | 536.9 ✓ |
| 10's |  | 8.1 | 37.3 ✓  |
| 20's |  | 7.8 | 37.6 ✓  |
| 30's |  | 7.6 | 37.8 ✓  |
| 40's |  | 7.3 | 38.1 ✓  |
| 50's |  | 6.4 | 39.0 ✓  |
| 60's |  | 6.3 | 39.1 ✓  |
| 70's |  | 6.0 | 39.4 ✓  |

|       |        |     |         |
|-------|--------|-----|---------|
|       | 545.38 |     |         |
| 3+90  |        |     |         |
| 80's  |        | 5.7 | 539.7 ✓ |
| 90's  |        | 4.8 | 40.6 ✓  |
| 100's |        | 4.9 | 40.5 ✓  |
| 110's |        | 4.7 | 40.7 ✓  |
| 120's |        | 4.4 | 41.0 ✓  |
| 130's |        | 4.7 | 40.7 ✓  |
| 140's |        | 4.9 | 40.5 ✓  |
| 150's |        | 5.5 | 39.9 ✓  |
| 160's |        | 5.9 | 39.5 ✓  |
| 170's |        | 6.0 | 39.4 ✓  |
| 180's |        | 6.2 | 39.2 ✓  |
| 190's |        | 6.7 | 38.7 ✓  |
| 200's |        | 7.1 | 38.3 ✓  |
| 210's |        | 7.4 | 38.0 ✓  |
| 220's |        | 7.9 | 37.5 ✓  |
| 230's |        | 8.5 | 36.9 ✓  |
| 240's |        | 6.8 | 36.6 ✓  |
| 250's |        | 9.2 | 36.2 ✓  |

|       | 545.38                   |       |        |
|-------|--------------------------|-------|--------|
| 3+90  |                          |       |        |
| 260's | 9.5                      | 535.9 | ✓      |
| 270's | 10.0                     | 35.4  | ✓      |
| 280's | 10.3                     | 35.1  | ✓      |
| 290's | 10.7                     | 34.7  | ✓      |
| 300's | SEE PAGE 66<br>BOOK #689 | 11.1  | 34.3 ✓ |
| 3+80  | 9.2                      | 36.2  | ✓      |
| 10's  | 8.4                      | 37.0  | ✓      |
| 20's  | 8.1                      | 37.3  | ✓      |
| 30's  | 7.9                      | 37.5  | ✓      |
| 40's  | 7.5                      | 37.9  | ✓      |
| 50's  | 7.0                      | 38.4  | ✓      |
| 60's  | 6.5                      | 38.9  | ✓      |
| 70's  | 6.1                      | 39.3  | ✓      |
| 80's  | 6.0                      | 39.4  | ✓      |
| 90's  | 5.4                      | 40.0  | ✓      |
| 100's | 4.8                      | 40.6  | ✓      |
| 110's | 4.5                      | 40.9  | ✓      |
| 120's | 4.8                      | 40.6  | ✓      |

|       | 545.38                   |       |        |
|-------|--------------------------|-------|--------|
| 3+80  |                          |       |        |
| 130's | 4.6                      | 540.8 | ✓      |
| 140's | 4.8                      | 40.6  | ✓      |
| 150's | 5.1                      | 40.3  | ✓      |
| 160's | 5.8                      | 39.6  | ✓      |
| 170's | 6.1                      | 39.3  | ✓      |
| 180's | 6.3                      | 39.1  | ✓      |
| 190's | 6.6                      | 38.8  | ✓      |
| 200's | 6.7                      | 38.7  | ✓      |
| 210's | 7.0                      | 38.4  | ✓      |
| 220's | 7.1                      | 38.3  | ✓      |
| 230's | 8.3                      | 37.1  | ✓      |
| 240's | 8.8                      | 36.6  | ✓      |
| 250's | 9.2                      | 36.2  | ✓      |
| 260's | 9.3                      | 36.1  | ✓      |
| 270's | 9.9                      | 35.5  | ✓      |
| 280's | 10.2                     | 35.2  | ✓      |
| 290's | 10.5                     | 34.9  | ✓      |
| 300's | SEE PAGE 67<br>BOOK #689 | 10.8  | 34.6 ✓ |

545.38

|       |     |       |   |
|-------|-----|-------|---|
| 3+70  | 9.7 | 535.7 | ✓ |
| 10's  | 8.6 | 36.8  | ✓ |
| 20's  | 8.3 | 37.1  | ✓ |
| 30's  | 8.0 | 37.4  | ✓ |
| 40's  | 7.7 | 37.7  | ✓ |
| 50's  | 7.1 | 38.3  | ✓ |
| 60's  | 6.5 | 38.9  | ✓ |
| 70's  | 6.2 | 39.2  | ✓ |
| 80's  | 6.1 | 39.3  | ✓ |
| 90's  | 5.6 | 39.8  | ✓ |
| 100's | 4.9 | 40.5  | ✓ |
| 110's | 4.8 | 40.6  | ✓ |
| 120's | 4.3 | 41.1  | ✓ |
| 130's | 5.0 | 40.4  | ✓ |
| 140's | 4.8 | 40.6  | ✓ |
| 150's | 4.9 | 40.5  | ✓ |
| 160's | 5.4 | 40.0  | ✓ |
| 170's | 6.0 | 39.4  | ✓ |

545.38

|       |             |       |   |
|-------|-------------|-------|---|
| 3+70  |             |       |   |
| 180's | 6.3         | 539.1 | ✓ |
| 190's | 6.4         | 39.0  | ✓ |
| 200's | 6.0         | 39.4  | ✓ |
| 210's | 6.0         | 39.4  | ✓ |
| 220's | 6.7         | 38.7  | ✓ |
| 230's | 7.1         | 38.3  | ✓ |
| 240's | 8.0         | 37.4  | ✓ |
| 250's | 9.1         | 36.3  | ✓ |
| 260's | 9.5         | 35.9  | ✓ |
| 270's | 9.9         | 35.5  | ✓ |
| 280's | 10.1        | 35.3  | ✓ |
| 290's | 10.5        | 34.9  | ✓ |
| 300's | 10.9        | 34.5  | ✓ |
|       | SEE PAGE 68 |       |   |
|       | BOOK # 689  |       |   |
| 3+60  | 10.3        | 35.1  | ✓ |
| 10's  | 9.7         | 35.7  | ✓ |
| 20's  | 8.6         | 36.8  | ✓ |
| 30's  | 8.3         | 37.1  | ✓ |
| 40's  | 7.8         | 37.6  | ✓ |



|       | 545.38 |       |   |
|-------|--------|-------|---|
| 3+60  |        |       |   |
| 50's  | 7.2    | 538.2 | ✓ |
| 60's  | 6.8    | 38.6  | ✓ |
| 70's  | 6.7    | 38.7  | ✓ |
| 80's  | 6.5    | 38.9  | ✓ |
| 90's  | 5.8    | 39.6  | ✓ |
| 100's | 5.1    | 40.3  | ✓ |
| 110's | 5.1    | 40.3  | ✓ |
| 120's | 4.5    | 40.9  | ✓ |
| 130's | 4.5    | 40.9  | ✓ |
| 140's | 5.2    | 40.2  | ✓ |
| 150's | 5.2    | 40.2  | ✓ |
| 160's | 5.1    | 40.3  | ✓ |
| 170's | 5.4    | 40.0  | ✓ |
| 180's | 5.9    | 39.5  | ✓ |
| 190's | 6.5    | 38.9  | ✓ |
| 200's | 6.5    | 38.9  | ✓ |
| 210's | 6.5    | 38.9  | ✓ |
| 220's | 7.0    | 38.4  | ✓ |

|       | 545.38 |       |   |
|-------|--------|-------|---|
| 2+60  |        |       |   |
| 230's | 7.9    | 537.5 | ✓ |
| 240's | 8.4    | 37.0  | ✓ |
| 250's | 8.9    | 36.5  | ✓ |
| 260's | 9.3    | 36.1  | ✓ |
| 270's | 9.6    | 35.8  | ✓ |
| 280's | 10.0   | 35.4  | ✓ |
| 290's | 10.5   | 34.9  | ✓ |
| 300's | 10.8   | 34.6  | ✓ |

SEE PAGE 69  
BOOK # 689

CONT. IN BK # 689A Page 1

Same H.I.

545.38

↑  
C.S.M.  
3-22-48

157

Sketch showing baseline used for

Xeed's.

9760 End of cross sections

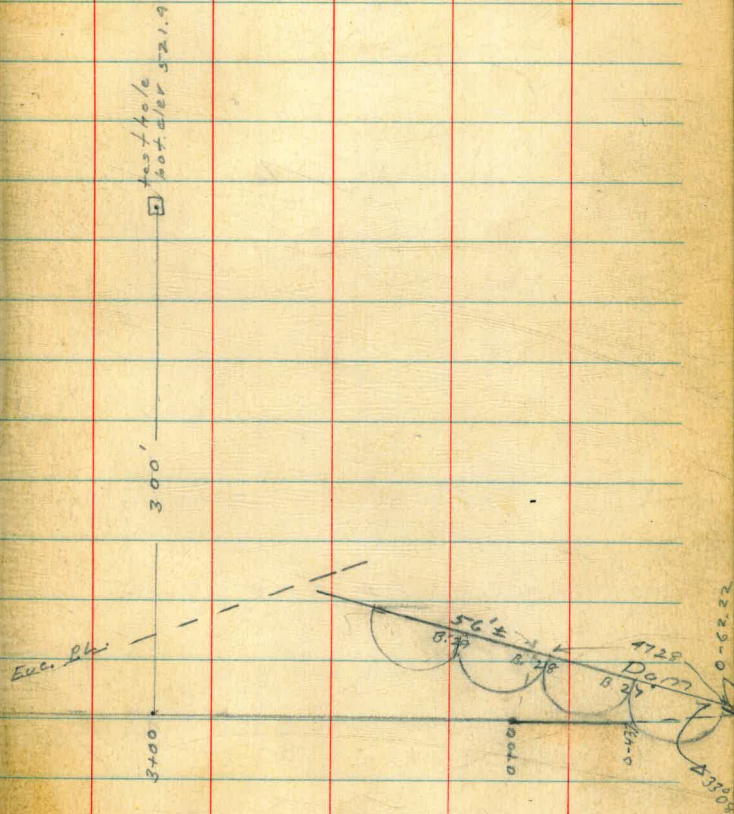
North

South

This tang. on Evc. Pl. used for baseline

574210 = B.E. 54.111 + 55.97 on Eucalyptus Pl.

57410 80' E test hole Bore elev. 558.7



5+6760 X-Section =

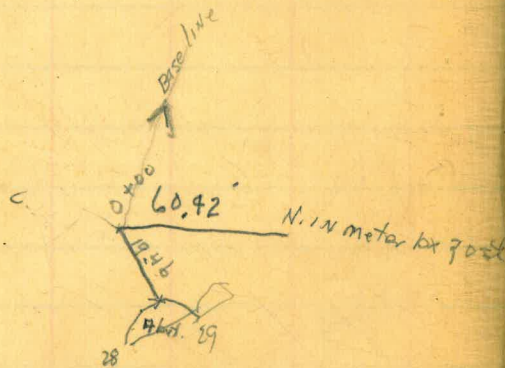
111+8597 B.C. ON Euc. P.L.

Elev. Test Hole - 528.7

5+10 - 80'S

Elev. T. Hole 521.4

3+00 - 300'S



Please Return to  
 City of San Diego Water Dept.  
 Room 268 Civic Center  
 Telephone Main 5161

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1 1/2

For Single Track Embankment.

| H  | 0    | .1   | .2   | .3   | .4   | .5   | .6   | .7   | .8   | .9   | H  |
|----|------|------|------|------|------|------|------|------|------|------|----|
| 0  | 8.0  | 8.2  | 8.3  | 8.5  | 8.6  | 8.8  | 8.9  | 9.1  | 9.2  | 9.4  | 0  |
| 1  | 9.5  | 9.7  | 9.8  | 10.0 | 10.1 | 10.3 | 10.4 | 10.6 | 10.7 | 10.9 | 1  |
| 2  | 11.0 | 11.2 | 11.3 | 11.5 | 11.6 | 11.8 | 11.9 | 12.1 | 12.2 | 12.4 | 2  |
| 3  | 12.5 | 12.7 | 12.8 | 13.0 | 13.1 | 13.3 | 13.4 | 13.6 | 13.7 | 13.9 | 3  |
| 4  | 14.0 | 14.2 | 14.3 | 14.5 | 14.6 | 14.8 | 14.9 | 15.1 | 15.2 | 15.4 | 4  |
| 5  | 15.5 | 15.7 | 15.8 | 16.0 | 16.1 | 16.3 | 16.4 | 16.6 | 16.7 | 16.9 | 5  |
| 6  | 17.0 | 17.2 | 17.3 | 17.5 | 17.6 | 17.8 | 17.9 | 18.1 | 18.2 | 18.4 | 6  |
| 7  | 18.5 | 18.7 | 18.8 | 19.0 | 19.1 | 19.3 | 19.4 | 19.6 | 19.7 | 19.9 | 7  |
| 8  | 20.0 | 20.2 | 20.3 | 20.5 | 20.6 | 20.8 | 20.9 | 21.1 | 21.2 | 21.4 | 8  |
| 9  | 21.5 | 21.7 | 21.8 | 22.0 | 22.1 | 22.3 | 22.4 | 22.6 | 22.7 | 22.9 | 9  |
| 10 | 23.0 | 23.2 | 23.3 | 23.5 | 23.6 | 23.8 | 23.9 | 24.1 | 24.2 | 24.4 | 10 |
| 11 | 24.5 | 24.7 | 24.8 | 25.0 | 25.1 | 25.3 | 25.4 | 25.6 | 25.7 | 25.9 | 11 |
| 12 | 26.0 | 26.2 | 26.3 | 26.5 | 26.6 | 26.8 | 26.9 | 27.1 | 27.2 | 27.4 | 12 |
| 13 | 27.5 | 27.7 | 27.8 | 28.0 | 28.1 | 28.3 | 28.4 | 28.6 | 28.7 | 28.9 | 13 |
| 14 | 29.0 | 29.2 | 29.3 | 29.5 | 29.6 | 29.8 | 29.9 | 30.1 | 30.2 | 30.4 | 14 |
| 15 | 30.5 | 30.7 | 30.8 | 31.0 | 31.1 | 31.3 | 31.4 | 31.6 | 31.7 | 31.9 | 15 |
| 16 | 32.0 | 32.2 | 32.3 | 32.5 | 32.6 | 32.8 | 32.9 | 33.1 | 33.2 | 33.4 | 16 |
| 17 | 33.5 | 33.7 | 33.8 | 34.0 | 34.1 | 34.3 | 34.4 | 34.6 | 34.7 | 34.9 | 17 |
| 18 | 35.0 | 35.2 | 35.3 | 35.5 | 35.6 | 35.8 | 35.9 | 36.1 | 36.2 | 36.4 | 18 |
| 19 | 36.5 | 36.7 | 36.8 | 37.0 | 37.1 | 37.3 | 37.4 | 37.6 | 37.7 | 37.9 | 19 |
| 20 | 38.0 | 38.2 | 38.3 | 38.5 | 38.6 | 38.8 | 38.9 | 39.1 | 39.2 | 39.4 | 20 |
| 21 | 39.5 | 39.7 | 39.8 | 40.0 | 40.1 | 40.3 | 40.4 | 40.6 | 40.7 | 40.9 | 21 |
| 22 | 41.0 | 41.2 | 41.3 | 41.5 | 41.6 | 41.8 | 41.9 | 42.1 | 42.2 | 42.4 | 22 |
| 23 | 42.5 | 42.7 | 42.8 | 43.0 | 43.1 | 43.3 | 43.4 | 43.6 | 43.7 | 43.9 | 23 |
| 24 | 44.0 | 44.2 | 44.3 | 44.5 | 44.6 | 44.8 | 44.9 | 45.1 | 45.2 | 45.4 | 24 |
| 25 | 45.5 | 45.7 | 45.8 | 46.0 | 46.1 | 46.3 | 46.4 | 46.6 | 46.7 | 46.9 | 25 |
| 26 | 47.0 | 47.2 | 47.3 | 47.5 | 47.6 | 47.8 | 47.9 | 48.1 | 48.2 | 48.4 | 26 |
| 27 | 48.5 | 48.7 | 48.8 | 49.0 | 49.1 | 49.3 | 49.4 | 49.6 | 49.7 | 49.9 | 27 |
| 28 | 50.0 | 50.2 | 50.3 | 50.5 | 50.6 | 50.8 | 50.9 | 51.1 | 51.2 | 51.4 | 28 |
| 29 | 51.5 | 51.7 | 51.8 | 52.0 | 52.1 | 52.3 | 52.4 | 52.6 | 52.7 | 52.9 | 29 |
| 30 | 53.0 | 53.2 | 53.3 | 53.5 | 53.6 | 53.8 | 53.9 | 54.1 | 54.2 | 54.4 | 30 |
| 31 | 54.5 | 54.7 | 54.8 | 55.0 | 55.1 | 55.3 | 55.4 | 55.6 | 55.7 | 55.9 | 31 |
| 32 | 56.0 | 56.2 | 56.3 | 56.5 | 56.6 | 56.8 | 56.9 | 57.1 | 57.2 | 57.4 | 32 |
| 33 | 57.5 | 57.7 | 57.8 | 58.0 | 58.1 | 58.3 | 58.4 | 58.6 | 58.7 | 58.9 | 33 |
| 34 | 59.0 | 59.2 | 59.3 | 59.5 | 59.6 | 59.8 | 59.9 | 60.1 | 60.2 | 60.4 | 34 |
| 35 | 60.5 | 60.7 | 60.8 | 61.0 | 61.1 | 61.3 | 61.4 | 61.6 | 61.7 | 61.9 | 35 |
| 36 | 62.0 | 62.2 | 62.3 | 62.5 | 62.6 | 62.8 | 62.9 | 63.1 | 63.2 | 63.4 | 36 |
| 37 | 63.5 | 63.7 | 63.8 | 64.0 | 64.1 | 64.3 | 64.4 | 64.6 | 64.7 | 64.9 | 37 |
| 38 | 65.0 | 65.2 | 65.3 | 65.5 | 65.6 | 65.8 | 65.9 | 66.1 | 66.2 | 66.4 | 38 |
| 39 | 66.5 | 66.7 | 66.8 | 67.0 | 67.1 | 67.3 | 67.4 | 67.6 | 67.7 | 67.9 | 39 |
| 40 | 68.0 | 68.2 | 68.3 | 68.5 | 68.6 | 68.8 | 68.9 | 69.1 | 69.2 | 69.4 | 40 |

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 41.9. For same slopes but other widths of roadbed correct above figures by one-half difference in width of roadbed; thus in example above for 20 ft. roadbed distance will be  $41.9 + (20 - 16) \div 2$  or 2 ft. added to 41.9 = 43.9. For slopes of 1 on 1 see inside of front cover.

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