

Answers to Applying Trig Functions to the Real World

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| 1) 40 feet | 2) 59° | 3) 32 feet | 4) 48° |
| 5) 22,645 meters | 6) 78 meters | 7) 19° | 8) 14 meters |
| 9) 433 meters | 10) $\frac{8}{17}$ | 11) $\frac{7}{24}$ | 12) 43.3 |
| 13) 8.5 | 14) right isosceles | 15) obtuse scalene | |