

Answer List

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|--|------------------------|--|
| 1. 4 | 2. 7 | 3. $\sqrt{65}$ |
| 4. 26 | 5. hypotenuse | 6. legs |
| 7. 5 | 8. 25 | 9. 7 ft |
| 10. 162.25 miles | 11. $\frac{a}{c}$ | 12. $\frac{b}{c}$ |
| 13. $\sin A = \frac{12}{13}$; $\cos A = \frac{5}{13}$; $\tan A = \frac{12}{5}$ | 14. 5 | 15. 12.2 |
| 16. 0.1736; 0.1736; 1.1918; 0.9063;
0.8391 | 17. ≈ 257.1 ft | 18. $\angle B = 27.0^\circ$, $b \approx 4.94$ m, $c \approx 10.9$ m |
| 19. A | 20. 19.5° | |