

1. $\frac{12}{13}$ 2. $\frac{12}{13}$ 3. $\frac{12}{5}$

4. 30.75 5. 16.93 6. 40.10

7. 38.9° 8. 13.5° 9. 42.4°

10. $B = 52^\circ, AB = 14.59, BC = 8.98$

11. $A = 43.9^\circ, B = 46.1^\circ, BC = 10.41$

12. 66.4° 13. 2662.8 feet 14. 2.6° 15. 62.8 meters 16. 3.9°

17. 29.04 18. 31° 19. 38.03 20. 37°