

SM3—7.5 odd answers

1. SSA—law of sines

3. SSS—law of cosines

5. SSA —Right Triangle Trig

7. SAS—law of cosines

9. SSS—law of cosines

11. SSA —law of sine, but check for 2 triangles

13. $\angle A \approx 89^\circ, \angle B \approx 61^\circ, \angle C \approx 30^\circ, a \approx 24.0, b \approx 21.0, c \approx 12$

15. $\angle A \approx 22.6^\circ, \angle B \approx 67.4^\circ, \angle C \approx 90^\circ, a \approx 10, b \approx 24, c \approx 26$

17. $x = 29.5 \text{ meters}$

$y = 19.7 \text{ meters}$

19. C

21. A