

SM3—5.6 odd answers

1. SSA—law of sines

3. SSS—law of cosines

5. SSA—law of sines

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. $\angle A \approx 25.9^\circ$, $\angle B \approx 51^\circ$, $\angle C \approx 103.1^\circ$, $a \approx 9$, $b \approx 16$, $c \approx 20.1$

17. $\frac{10}{x-5}$