

SM3 7.4 odd answers

1. $x = 24$

3. $m\angle B \approx 30.0^\circ$

5. $c \approx 49.0$ km

7. $b \approx 37.4$ km

9. $m\angle B \approx 60.9^\circ$

11. $m\angle A = 120^\circ$ $a = 46.1$ km

$m\angle B = 27.1^\circ$ or 26.9° $b = 24.1$ km

$m\angle C = 32.9^\circ$ or 33.1° $c = 29$ km

13. $m\angle A = 29.2^\circ$ or 30.0° $a = 17$ km

$m\angle B = 32.8^\circ$ or 32.0° $b = 18$ km

$m\angle C = 118^\circ$ $c = 30.0$ km

15. $x \approx 1.8$ km

17. $(x - 8)^2$