

Q3HW1

Date_____ Period_____

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Find each measurement indicated. Round your answers to the nearest tenth.

1) $b = 14$ yd, $m\angle C = 91^\circ$, $a = 24$ yd
Find c

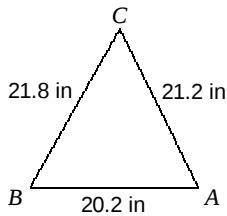
2) $b = 18$ cm, $m\angle A = 121^\circ$, $c = 21$ cm
Find a

3) $c = 18$ yd, $a = 30$ yd, $b = 17$ yd
Find $m\angle B$

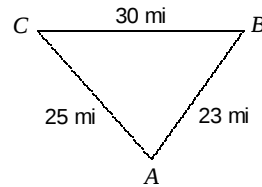
4) $c = 17$ km, $b = 30$ km, $a = 18$ km
Find $m\angle B$

Solve each triangle. Round your answers to the nearest tenth.

5)



6)

**Solve each triangle. Use the Quadratic Formula if necessary. Round your answers to the nearest tenth.**

7) $m\angle C = 131^\circ$, $b = 12$ yd, $c = 11$ yd

8) $m\angle A = 19^\circ$, $c = 5$ cm, $a = 4$ cm

9) $m\angle A = 123^\circ$, $c = 33$ km, $a = 9$ km

10) $m\angle A = 140^\circ$, $c = 27$ in, $a = 37$ in