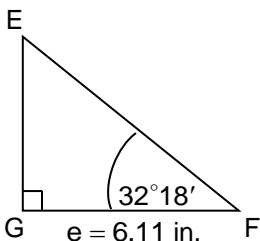
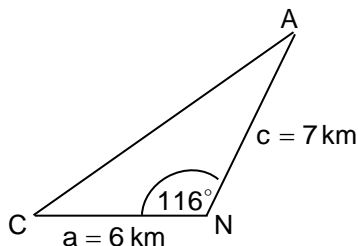


Chapter 5 Test Review

Round side lengths to two decimal places and angles to one decimal place.

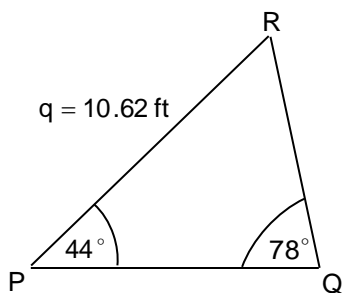


- 1) Find g.
- 2) Find $m\angle E$.



- 3) Find n.
- 4) Find the area of $\triangle CAN$.

- 5) $\triangle WAY$ has $w = 8 \text{ m}$, $a = 4 \text{ m}$, and $y = 11 \text{ m}$. Find $m\angle W$.
- 6) $\triangle MAX$ has $m = 14$, $a = 7$, and $x = 13$. Find the area of $\triangle MAX$.



- 7) Find p.
- 8) Find r.

- 9) $\triangle DFP$ has $m\angle D = 28^\circ$, $f = 12 \text{ cm}$, and $d = 16 \text{ cm}$. Find the possible lengths for p. Determine how many triangles are possible.
- 10) $\triangle PSY$ has $m\angle P = 51^\circ$, $s = 24 \text{ mi}$, and $p = 8 \text{ mi}$. Find the possible lengths for y. Determine how many triangles are possible.
- 11) To measure the height of a mountain, a survey crew measures an angle of elevation of 22° from the ground to the mountain top. They move 600 m closer to the mountain and find the new angle of elevation is 41° . How high is the mountain?

