

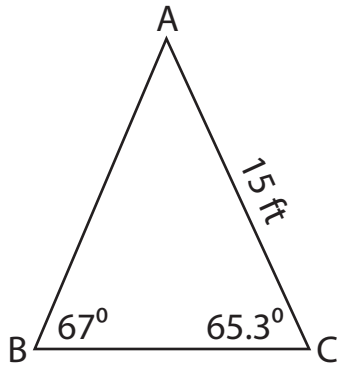
Name : _____

T1S1

Solving Triangles

Solve each triangle from the given measurements. Round your answer to the nearest tenth.

1)

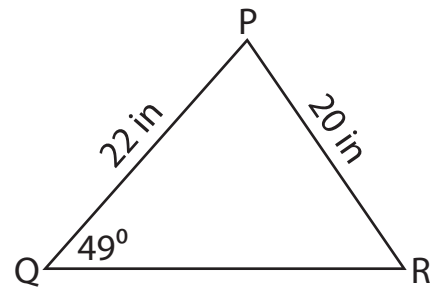


$m\angle A =$ _____

$a =$ _____

$c =$ _____

2)

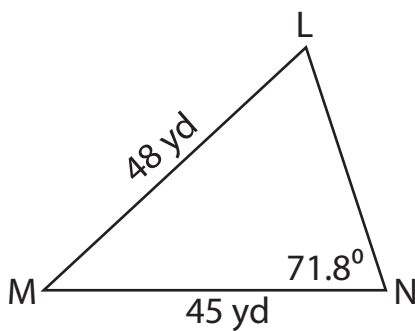


$m\angle P =$ _____

$m\angle R =$ _____

$p =$ _____

3)

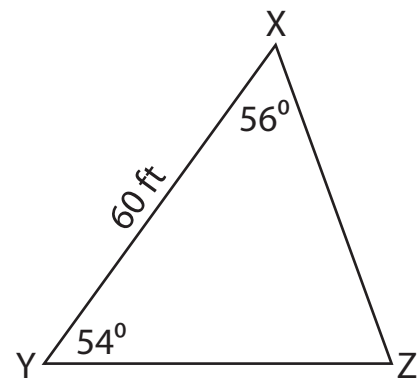


$m\angle L =$ _____

$m\angle M =$ _____

$m =$ _____

4)



$m\angle Z =$ _____

$x =$ _____

$y =$ _____

Name : _____

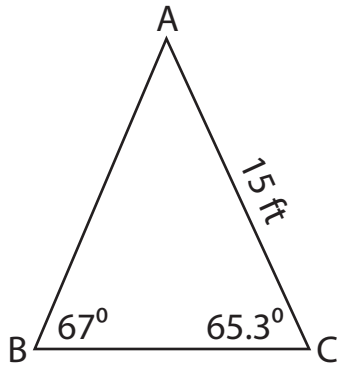
Answer key

Solving Triangles

T1S1

Solve each triangle from the given measurements. Round your answer to the nearest tenth.

1)

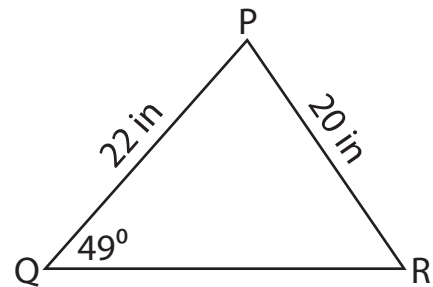


$$m\angle A = \underline{47.7^\circ}$$

$$a = \underline{12.1\text{ ft}}$$

$$c = \underline{14.8\text{ ft}}$$

2)

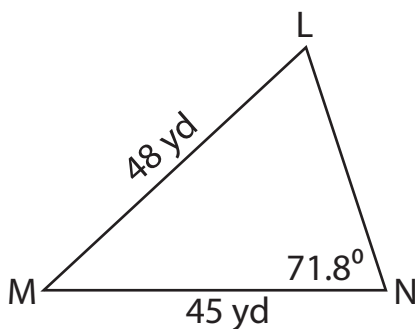


$$m\angle P = \underline{74.9^\circ}$$

$$m\angle R = \underline{56.1^\circ}$$

$$p = \underline{25.6\text{ in}}$$

3)

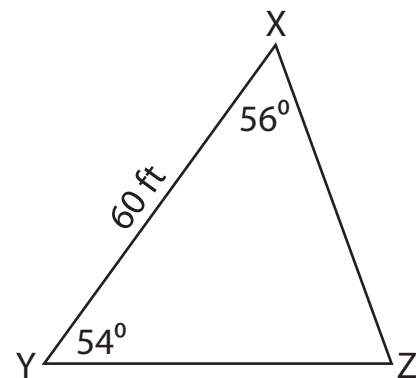


$$m\angle L = \underline{62.9^\circ}$$

$$m\angle M = \underline{45.3^\circ}$$

$$m = \underline{35.9\text{ yd}}$$

4)



$$m\angle Z = \underline{70^\circ}$$

$$x = \underline{52.9\text{ ft}}$$

$$y = \underline{51.7\text{ ft}}$$