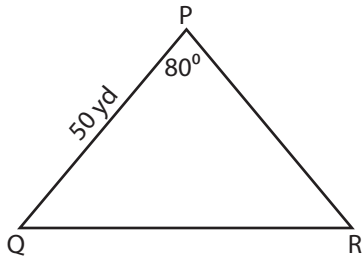


Name : \_\_\_\_\_

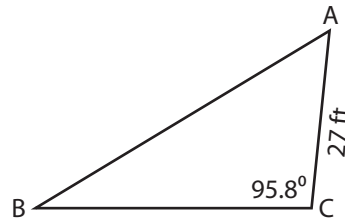
# Solving Triangles

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

1) Area = 1,231 yd<sup>2</sup>



2) Area = 561.37 ft<sup>2</sup>



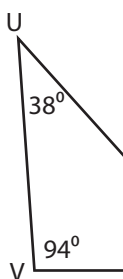
$m\angle Q =$  \_\_\_\_\_

$m\angle R =$  \_\_\_\_\_

$p =$  \_\_\_\_\_

$q =$  \_\_\_\_\_

3) Area = 749.7 yd<sup>2</sup>



$m\angle W =$  \_\_\_\_\_

$u =$  \_\_\_\_\_

$v =$  \_\_\_\_\_

$w =$  \_\_\_\_\_

$m\angle X =$  \_\_\_\_\_

$x =$  \_\_\_\_\_

$y =$  \_\_\_\_\_

$z =$  \_\_\_\_\_

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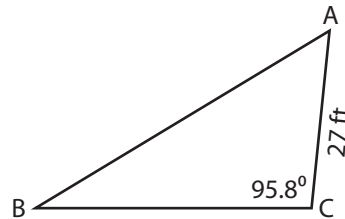
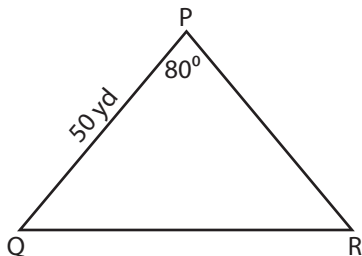
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**Solving Triangles**

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

1) Area = 1,231 yd<sup>2</sup>

2) Area = 561.37 ft<sup>2</sup>



$m\angle Q =$  \_\_\_\_\_

**53.1°**

$m\angle R =$  \_\_\_\_\_

**31.1°**

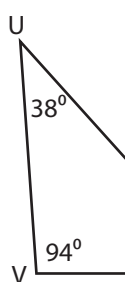
$p =$  \_\_\_\_\_

**41.8 ft**

$q =$  \_\_\_\_\_

**52 ft**

3) Area = 749.7 yd<sup>2</sup>



\_\_\_\_\_ yd<sup>2</sup>

\_\_\_\_\_ 26.2°

$m\angle W =$  **48°**

$m\angle X =$  **79°**

$u =$  **35.3 in**

$x =$  **29.1 yd**

$v =$  **57.2 in**

$y =$  **28.7 yd**

$w =$  **42.6 in**

$z =$  **13.1 yd**

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