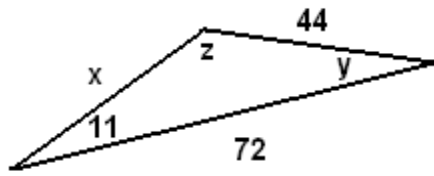


Advanced Geometry:
Law of Sines / Cosines HW

Name: _____

1.)

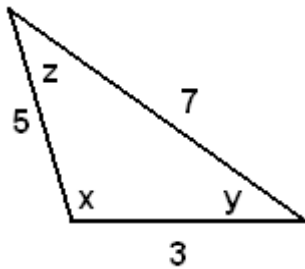


$x =$ _____

$y =$ _____

$z =$ _____

2.) Find the values of x , y , and z .

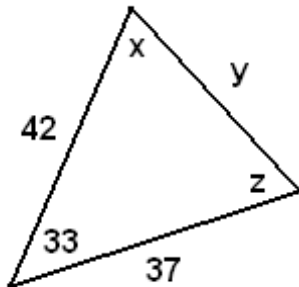


$x =$ _____

$y =$ _____

$z =$ _____

3.) Find the values of x , y , and z .



$x =$ _____

$y =$ _____

$z =$ _____

- 4.) In baseball, the four bases form a square of side length 90 feet. The pitcher's mound is 60.5 feet from home plate. Find the distance from the pitcher's mound to first base and the measure of the angle formed by the pitcher's mound and first base.

- 5.) Three mutually tangent circles have radius lengths 7, 9, and 10. Determine the area of the region trapped between the three circles.

