

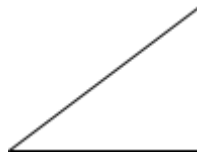
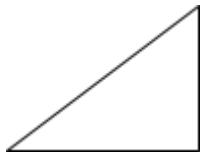
1. What is trigonometry?

Trigonometry- Study of the relationship between sides and angles in RIGHT triangles

2. What do we use trigonometry for?

3. List the 6 trigonometric functions.

4. Label the triangle with the right angle, theta, opposite leg, adjacent leg, and hypotenuse.



$\theta =$

Hypotenuse-

Opposite leg-

Adjacent leg-

5. Set up the 6 trig ratios.

$\sin \theta =$

$\cos \theta =$

$\tan \theta =$

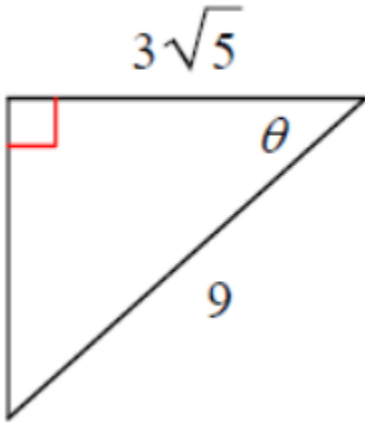
$\csc \theta =$

$\sec \theta =$

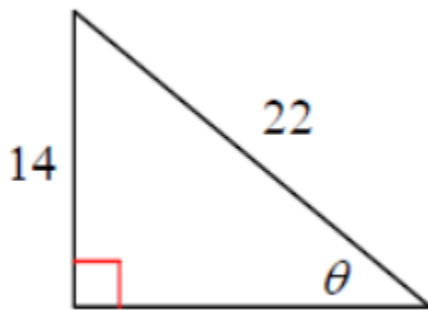
$\cot \theta =$

Directions: Find the 6 trigonometric ratios for theta.

1.



2.



3.

