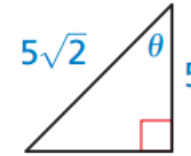


$$\sin \theta = \quad \csc \theta =$$

$$\cos \theta = \quad \sec \theta =$$

$$\tan \theta = \quad \cot \theta =$$

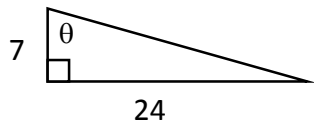
Find the length of the opposite side.



The **Pythagorean Theorem** states

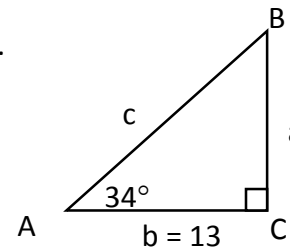
Use it to find the missing side.

Find the values of the six trig functions of θ .

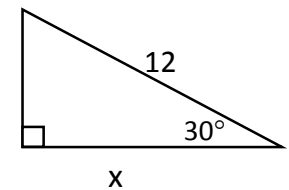


In a right triangle, θ is an acute angle and $\sin \theta = \frac{5}{6}$. Find the other five trig functions of θ .

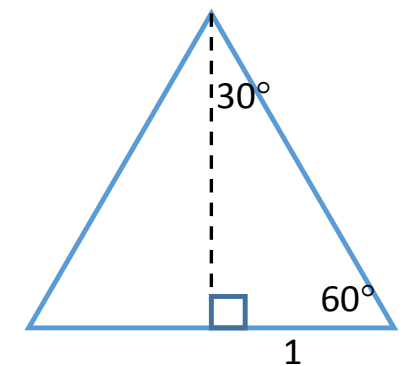
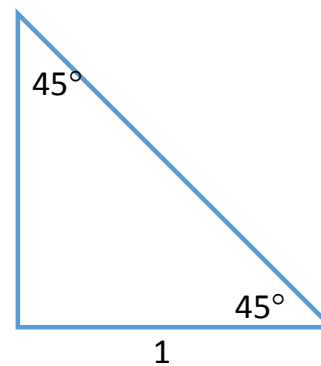
Solve $\triangle ABC$.



Find the value of x for the right triangle.



θ	$\sin \theta$	$\cos \theta$	$\tan \theta$	$\csc \theta$	$\sec \theta$	$\cot \theta$
30°						
45°						
60°						



Pythagorean
Theorem

SOH-CAH-TOA

Some Old Horse
Caught A Horse
Taking Oats Away

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Evaluating
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30-60-90
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