Name: _____

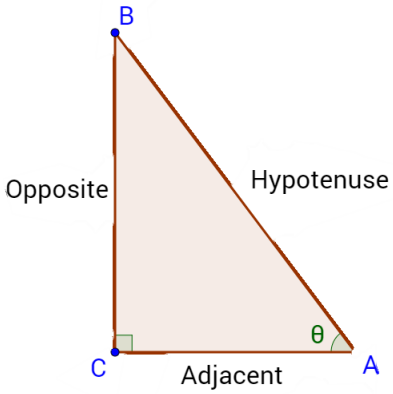
Precalculus

4-03 Right Triangle Trigonometry

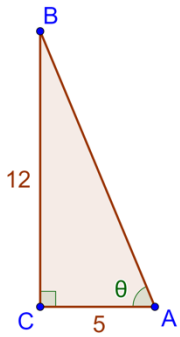
$$\sin A = \frac{opp}{hyp} \qquad \csc A = \frac{hyp}{opp}$$

$$\cos A = \frac{adj}{hyp} \qquad \sec A = \frac{hyp}{adj}$$

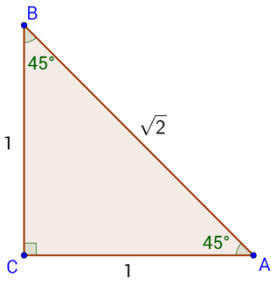
$$\tan A = \frac{opp}{adj} \qquad \cot A = \frac{adj}{opp}$$

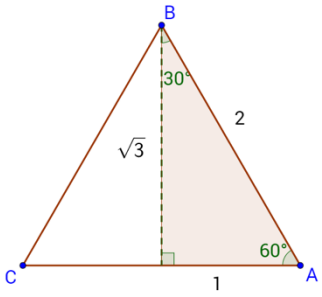


Find the values of the six trig functions



Special right triangles





$\sin\frac{\pi}{4}$ $\csc\frac{\pi}{3}$

$\tan 30°$

Sketch a triangle and find the other 5 trig functions: $\tan\theta = 3$