

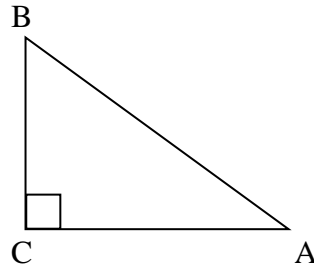
## Right Triangle Trigonometry

In RIGHT triangle ABC, suppose you are standing at  $\angle A$ .

The longest side, \_\_\_\_\_  
the \_\_\_\_\_ angle, is called the  
\_\_\_\_\_.

The leg *nearest* you is called the  
\_\_\_\_\_.

The leg *farthest* away is called the  
\_\_\_\_\_.



Certain ratios of sides of right triangles are given *specific* names.

$$\sin A = \underline{\hspace{2cm}}$$

$$\cos A = \underline{\hspace{2cm}}$$

$$\tan A = \underline{\hspace{2cm}}$$

Most people just remember one thing...

**Examples:** Solve for  $x$ .

