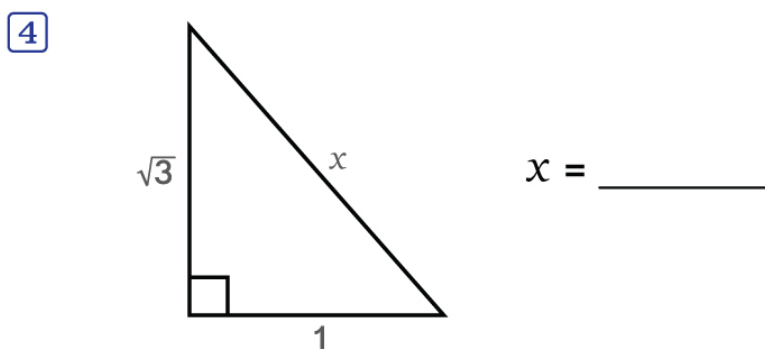
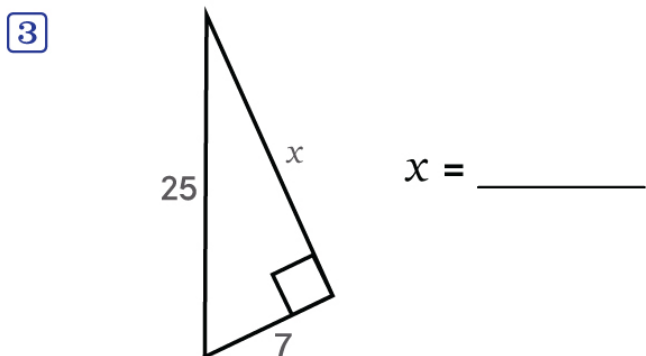
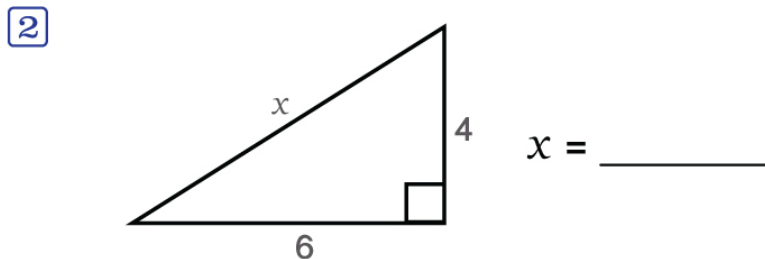
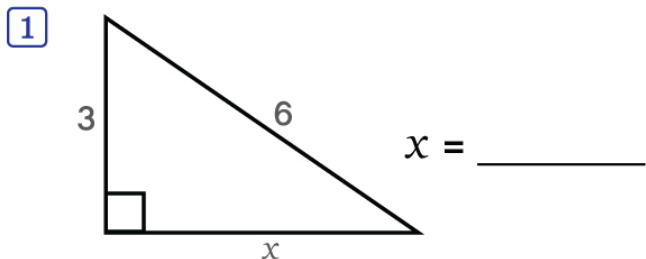


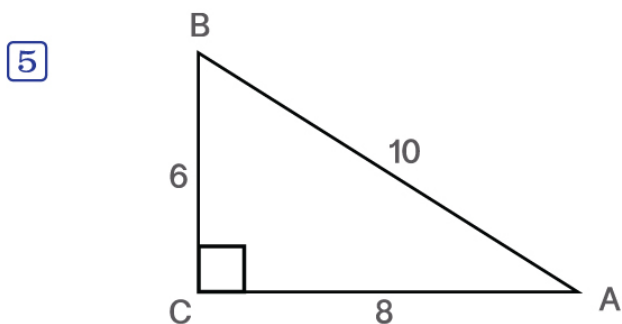
Name : .....

# Pythagorean Theorem and Trigonometric Ratios

Find the length of the side marked 'x' in the given right triangles

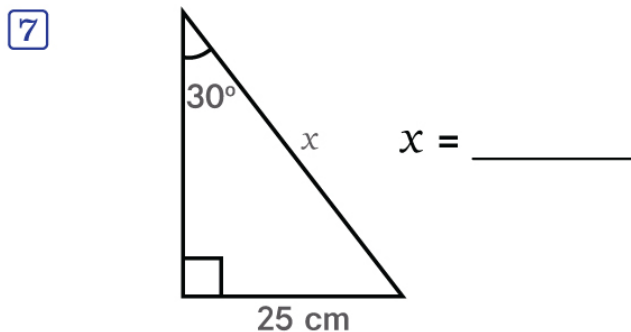
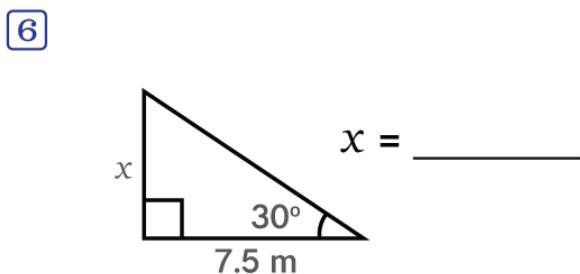


Use trigonometric ratio to find the value of each angle



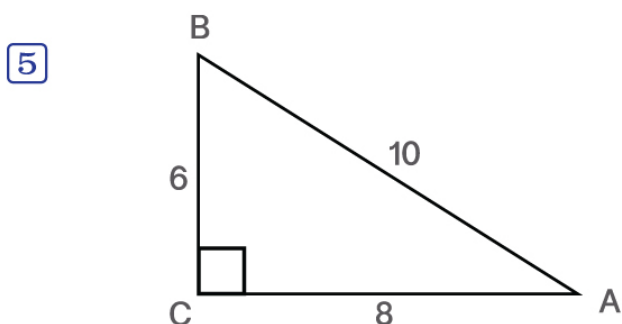
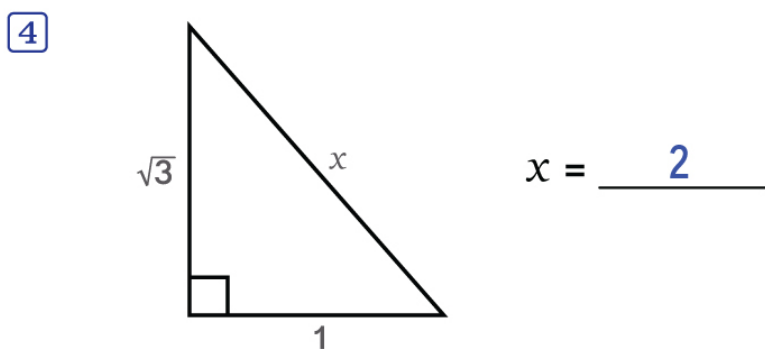
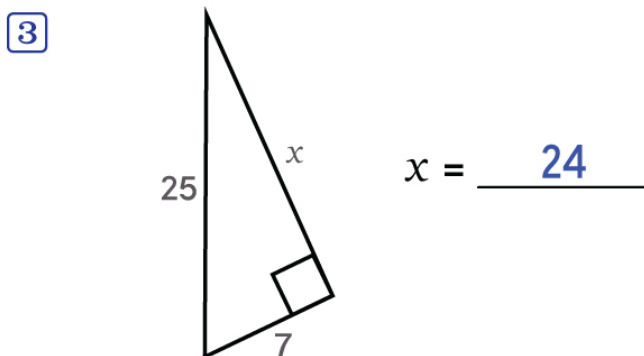
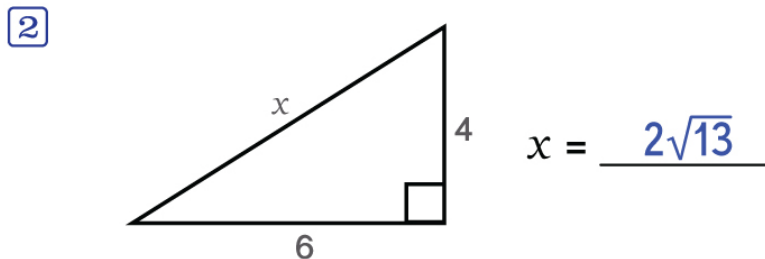
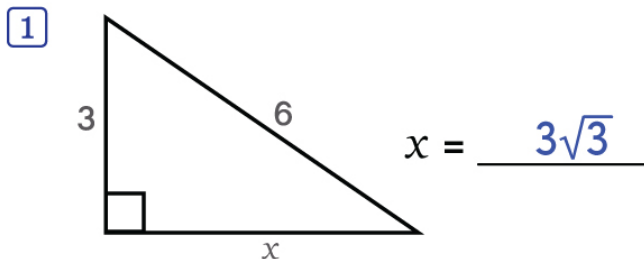
$\sin A =$	$\sin B =$
$\underline{\hspace{2cm}}$	$\underline{\hspace{2cm}}$
$\cos A =$	$\cos B =$
$\underline{\hspace{2cm}}$	$\underline{\hspace{2cm}}$
$\tan A =$	$\tan B =$
$\underline{\hspace{2cm}}$	$\underline{\hspace{2cm}}$

Find the length of the side marked 'x'. Round your answer to one decimal place



# Pythagorean Theorem and Trigonometric Ratios

## Answers



$$\sin A = \frac{3}{5}$$

$$\sin B = \frac{4}{5}$$

$$\cos A = \frac{4}{5}$$

$$\cos B = \frac{3}{5}$$

$$\tan A = \frac{3}{4}$$

$$\tan B = \frac{4}{3}$$

