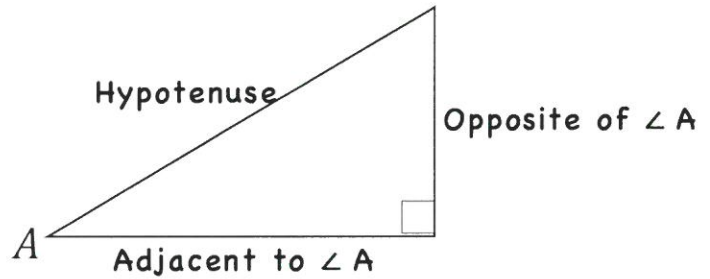


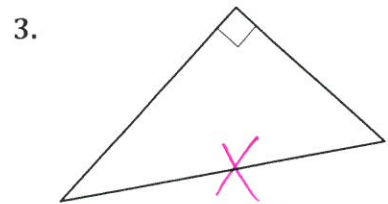
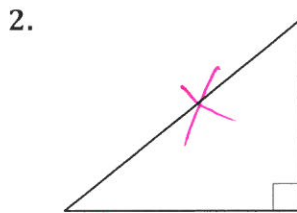
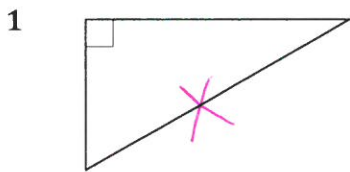
Learning Target: Given sides of a right triangle, identify the trigonometric ratios for a given angle. (Level 2)

COSINE INTRODUCTION

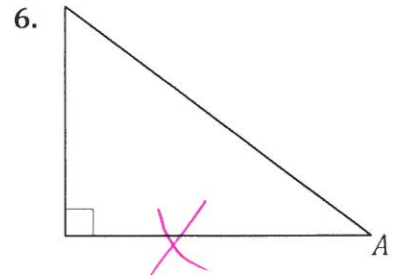
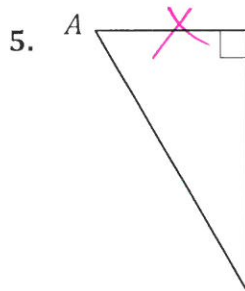
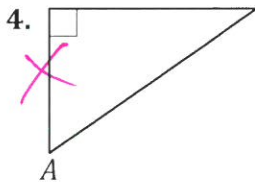
$$\text{Cosine (cos)} = \frac{\text{adjacent}}{\text{hypotenuse}}$$



In each triangle place an "x" on the *hypotenuse*.

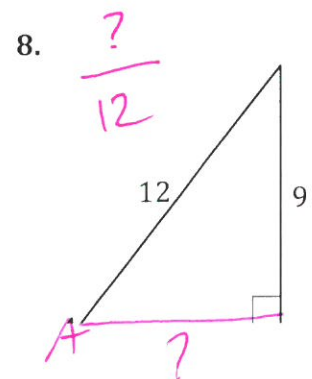
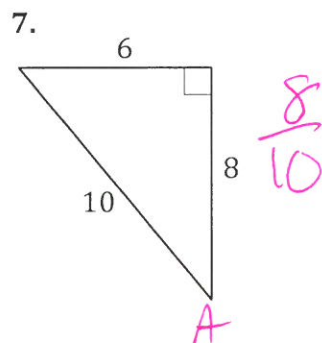
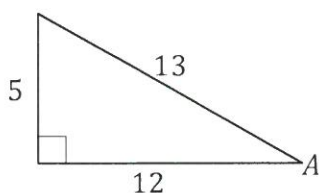


In each triangle place an "x" on the side *adjacent to ∠ A*.



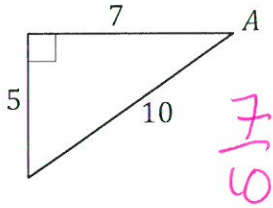
Write a fraction in lowest terms that represents the $\cos A$.

Example: $\frac{12}{13}$

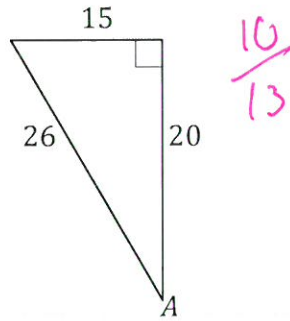


Write a fraction in lowest terms that represents the $\cos A$.

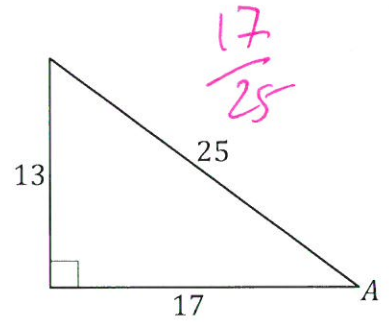
9.



10.



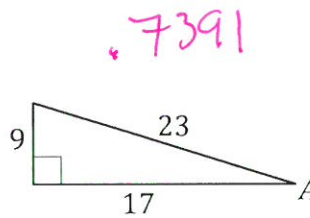
11.



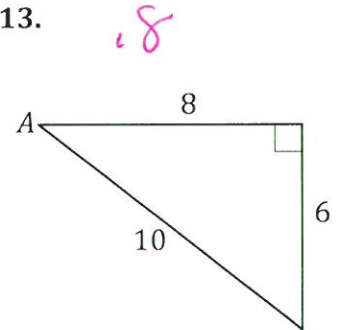
Find the value of the $\cos A$ to the nearest ten-thousandth (four places behind the decimal point) in each triangle.

Example: $\frac{8}{12} = 0.6667$

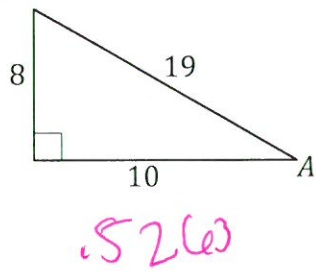
12.



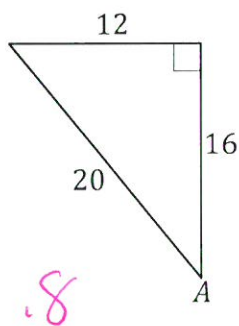
13.



14.



15.



16.

