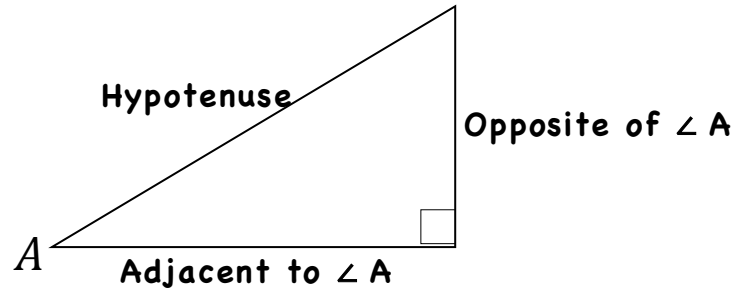


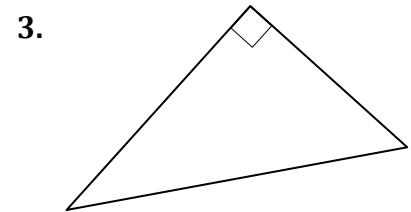
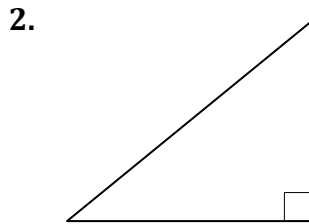
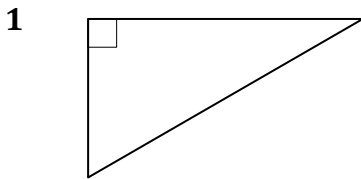
Learning Target: Given sides of a right triangle, identify the trigonometric ratios for a given angle. (Level 2)

SINE INTRODUCTION

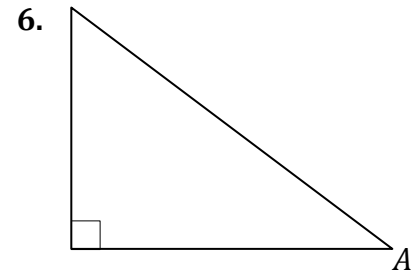
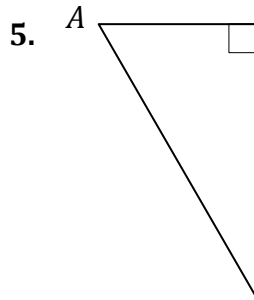
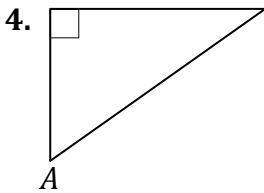
$$\text{Sine (sin)} = \frac{\textit{opposite}}{\textit{hypotenuse}}$$



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

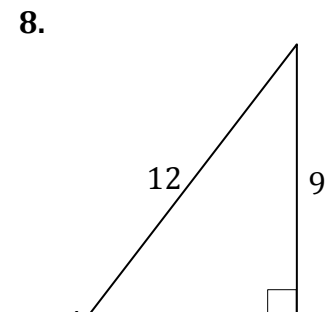
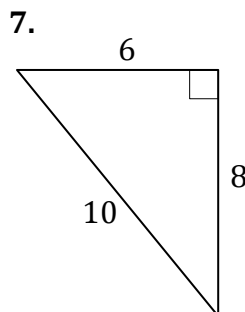
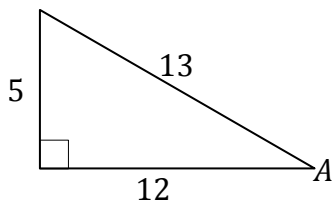


In each triangle place an "x" on the side *opposite of ∠ A*.



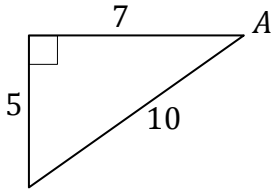
Write a fraction in lowest terms that represents the $\sin A$.

Example: $\frac{5}{13}$

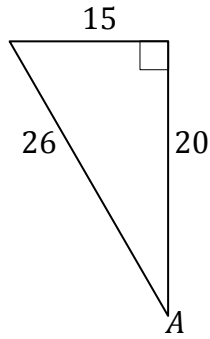


Write a fraction in lowest terms that represents the $\sin A$.

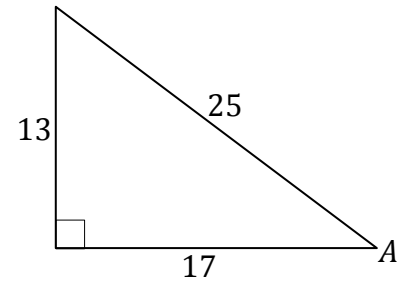
9.



10.



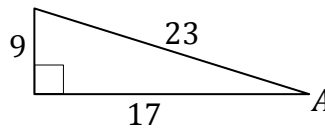
11.



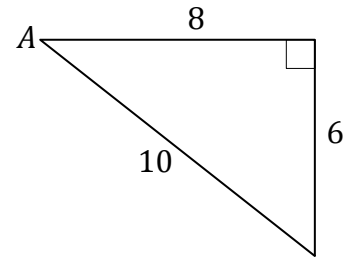
Find the value of the $\sin A$ to the nearest ten-thousandth (four places behind the decimal point) in each triangle.

Example: $\frac{7}{12} = 0.5833$

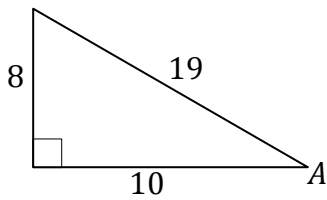
12.



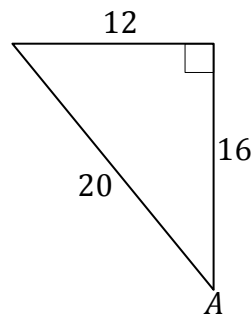
13.



14.



15.



16.

