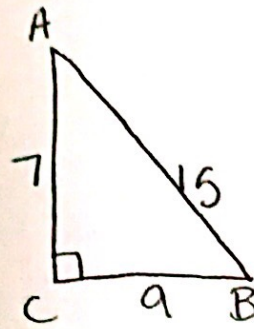


$$\sin(\theta) = \frac{\text{opposite}}{\text{hypotenuse}}$$

↓
reference
angle
"theta"

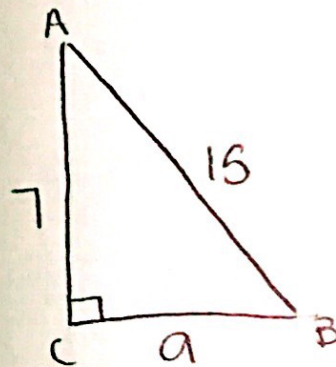
$$\cos(\theta) = \frac{\text{adjacent}}{\text{hypotenuse}}$$

$$\tan(\theta) = \frac{\text{opposite}}{\text{adjacent}}$$



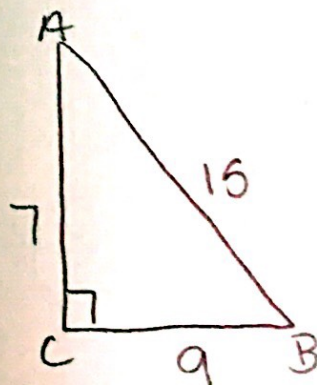
$$\sin(A) = \frac{a}{15} = \frac{3}{5}$$

$$\sin(B) = \frac{7}{15}$$



$$\cos(A) = \frac{7}{15}$$

$$\cos(B) = \frac{a}{15} = \frac{3}{5}$$



$$\tan(A) = \frac{a}{7}$$

$$\tan(B) = \frac{7}{a}$$