

Choose Trigonometric Ratios: Apply and Create



Name: _____ Date: _____

Use what you learned to explain, construct or apply an idea.

A 3 4 5 right triangle

Relative to angle A, the opposite side is 3, the adjacent side is 4 and the hypotenuse is 5. Sine uses opposite/hypotenuse, cosine adjacent/hypotenuse, tangent opposite/adjacent.

1. For the other acute angle, what is the sine ratio in the 3 4 5 triangle?

2. Why do opposite and adjacent change when the reference angle changes?
