

Choose Trigonometric Ratios: Apply and Create



Use the matching sheet ID when checking answers.

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

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

Answer: $\frac{4}{5}$

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

Look for:

- Uses the reference angle correctly.

One possible response: They are defined relative to the chosen angle; the hypotenuse stays opposite the right angle.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.