

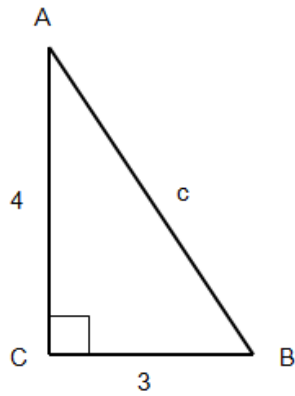
## Notes Trig Ratios (angles)

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

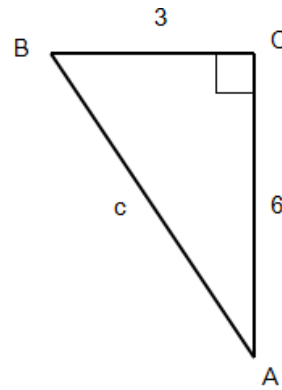
Learning Target: \_\_\_\_\_

Trig Ratio Review: \_\_\_\_\_

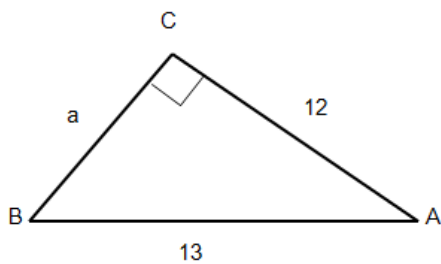
Example 1: Find missing side and angles



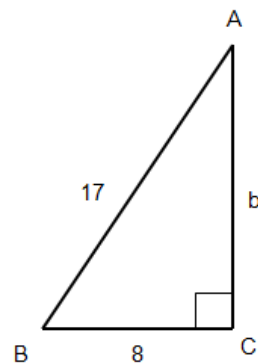
Example 2: Find missing side and angles



Example 3: Find missing side and angles

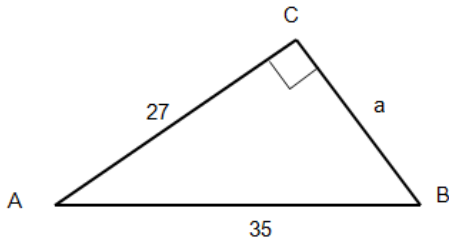


Example 4: Find missing side and angles

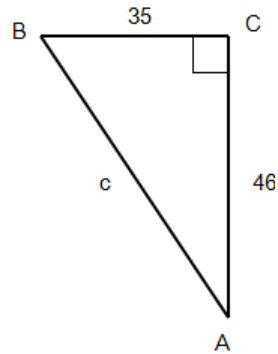


Show me you can do it!

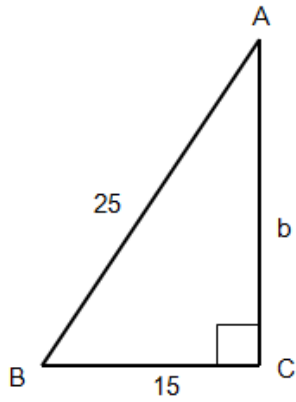
Practice 1: Find missing side and angles



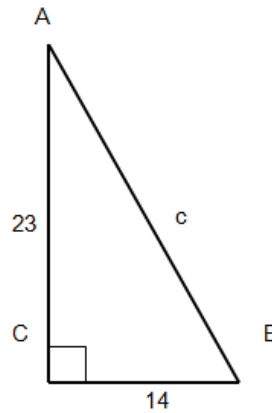
Practice 2: Find missing side and angles



Practice 3: Find missing side and angles



Practice 4: Find missing side and angles



Show me you know it!

1. How do you know when you should use the regular ratios (sin, cos, tan) and the inverse ratios ( $\sin^{-1}$ ,  $\cos^{-1}$ ,  $\tan^{-1}$ )? \_\_\_\_\_

\_\_\_\_\_

2. How many angles/sides do you have to know to be able to find everything else using trig ratios/Pythagorean theorem? \_\_\_\_\_

\_\_\_\_\_