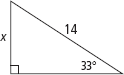
**Objective:**

**Do Now:** Find the missing side length x. Show all work and round answers to the nearest tenth.

1.  **B. C.**

**Guided Practice:**

Step 1: What trig ratio can we use with the given sides?

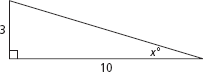
Step 2: Set up equation with given information

Step 3: Solve equation, calculating any inverse trig ratios on your calculator

Step 4: Check your work. Does your answer make sense?

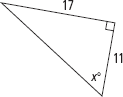
**Example 1 Example 2**

**img16**

****

**Practice: Find the measure of the missing angle. Show all work and round your answer to the nearest degree.**

2. ****
3. **img10**

****

**img18**