**Objective:**

**Do Now: Write the ratios for sin *D,* cos *D,* and tan *D.***

**1.**

****

**2.**

Find: sin(56°) cos(23°) tan(74°)

**Guided Practice:**

Using the information in the triangle and your calculator, find the length of side x.

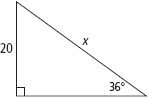
Step 1: What trig ratio can we use with the given angle and sides?

Step 2: Set up equation with given information

Step 3: Solve equation for x.

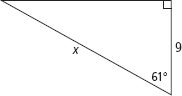
Step 4: Check your work. Does your answer make sense?

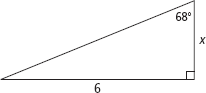
Example 1:

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**sr**Example 2:

**Practice: Find the length of x. Round your answers to the nearest tenth.**





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