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

**Finding Missing Angles**

**Finding Missing Angles in Right Triangles**

When we are trying to find an angle we use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_:

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** for **sin**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** for **cos**

**Inverse functions \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ our trig functions!**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** for **tan**

Inverse Trig buttons:

|  |  |
| --- | --- |
| **Step 1** |  |
| **Step 2** |  |
| **Step 3** |  |

* Hit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Then, hit \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* **ALWAYS: Check that your calculator is in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MODE!!!**

|  |  |
| --- | --- |
| **Ex. 1 Figure out which ratio to use, then find x. *Round to the nearest tenth*.** | **Ex. 2 Figure out which ratio to use, then find x. *Round to the nearest tenth*.** |
| **Ex. 3 Find θ. Round to the nearest degree.** | **Ex. 4 Find θ. Round to the nearest degree.** |
| **Ex. 5: Find m∠A. Round to the nearest degree.** |