**Honors Algebra 2 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hr\_\_**

**Pythagorean Identity Practice**

Given one trig ratio, find the other **2** ratios. Then verify the identity. Show the triangle for each example.

1. Given sin = and cos is negative. 2. Given tan = and sin is negative.

3. Given cos = and tan is positive. 4. Given tan = -1 and sin is positive.

5. Given cos = and sin is positive. 6. Given sin = and cos is positive.

7. Given sin = and tan is negative. 8. Given cos = and tan is positive.