Secondary Math 2 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5-2 Similar Triangles and Trigonometric Ratios Period\_\_\_\_\_\_\_\_\_

HOMEWORK

1. What does SOH-CAH-TOA stand for?

**Find all trigonometric ratios for the given triangles.**

3. 4. 5.

 5  13

 3 1 5







 4 1 12

**Evaluate using a calculator. Round to 3 decimal places.**

6. tan 87° 7. sin 4°



**Find all the trigonometric ratios for the given angles.**

s

z

8. 9.

z

10. Find all the trigonometric ratios for BOTH angles in the given right triangle:



6

15