

Name: _____ Date: _____

Chapter 7 Word Scramble

Use the clues to identify the terms from Chapter 7. Then, unscramble the letters and write the term correctly.

1. For an angle in a right triangle, this is the ratio of the length of the opposite side to the length of the hypotenuse or $\frac{\text{opposite}}{\text{hypotenuse}}$.

N S E I A R O I T

2. In a right triangle, this is the side across from the side that you are working with.

T O O P P E S I E D S I

3. For an angle in a right triangle, this is the ratio of the length of the adjacent side to the length of the hypotenuse or $\frac{\text{adjacent}}{\text{hypotenuse}}$.

S N E O I C T R I A O

4. In a right triangle, this is the side beside the angle you are working with.

A A E J C D T N E I D S

5. For an angle in a right triangle, this is the ratio of the length of the opposite side to the length of the adjacent side or $\frac{\text{opposite}}{\text{adjacent}}$.

N E T T N G A A T O R I

6. This is the term for a 2-D closed figure.

Y G L N O P O



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7. These figures have the same shape but a different size, equal corresponding angles, and proportional corresponding sides.

A I L M R I S S G U R I E F

8. In similar figures, this refers to sides that have the same relative position.

P O O D G R I N N R C E S I S S D E

9. This term refers to the three ratios — sine, cosine, and tangent — in a right triangle.

I R R M P Y A G N I T T C R I R M O E O

S O A T I R

