Name: _____   Date: _____

Chapter 7 Crossword Puzzle

adjacent	cosine	depression	elevation
horizontal	hypotenuse	opposite	Pythagorean
ratio	right	since	tangent
trigonometric	vertical		

Use the clues to identify the words from Chapter 7. Then, write the words in the crossword puzzle blank.

Across

1. The side in a right triangle directly opposite the 90° angle

3. The angle formed between the horizon and a line below the horizon is called the angle of _____.

5. The relationship used to find a missing side of a right triangle given the other two sides

7. The side in a right triangle beside the angle of reference

9. The angle formed between the horizon and a line above the horizon is called the angle of _____.

11. A comparison of two quantities with the same units

12. The ratio of the opposite side to the adjacent side in a right triangle.

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Down

  1. A line segment that travels left to right

  2. The type of ratio used to find the length of a side given the length of another side in a right triangle

  4. The ratio of the opposite side to the hypotenuse in a right triangle

  6. Directly across from

  8. The ratio of the adjacent side to the hypotenuse in a right triangle

10. A line segment that travels up and down

11. A type of triangle that contains a 90° angle