

Name: _____ Date: _____

Chapter 7 Riddle

acute	angle	cosine law	oblique
obtuse	opposite	right	side
sine law	triangle		

Riddle: What does a mathematician bring to a picnic?

To find out, identify each term described. Write the term in the blank provided. Copy the identified letters to the blank answer at the end of the puzzle.

1. A type of triangle that does not contain a right angle

5

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2. A type of triangle with three acute interior angles

1 7

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3. A type of triangle with one obtuse interior angle

2

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4. A type of triangle with one right interior angle

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5. A trigonometric relationship between the three sides of a triangle and the cosine of one of the angles

6

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12

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6. A trigonometric relationship between the sine ratios of angles and the sides opposite these angles

9

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7. The intersection of two adjacent sides of a triangle at a common point called the vertex

10

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8. Directly across from a point of reference

8

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3

9. A three-sided polygon

11

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10. The part of a triangle opposite each angle

4

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Riddle Answer:

1 2 3 4 5 6 F 7 8 9 10 11 12

