

# Geometry: Sides, Vertices, and Angles

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2nd Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1. A triangle has 3 sides. How many sides do 4 triangles have?

\_\_\_\_\_

2. A square has 4 sides. If you have 2 squares, how many sides do you have in total?

\_\_\_\_\_

3. Circle the shape with more sides: Triangle (3) or Pentagon (5)

4. What number comes next? 1, 2, 3, \_\_\_\_\_

5. A rectangle has 4 sides. If you draw 5 rectangles, how many sides do you draw? \_\_\_\_\_

6. A hexagon has 6 sides. True or False?

True  False

7. If a shape has 8 vertices, how many more vertices do you need to get to 10?

\_\_\_\_\_

8. Count the sides of a pentagon:  $5 + 5 =$  \_\_\_\_\_

9. Circle the shape with fewer vertices: Hexagon (6) or Quadrilateral (4)

10. What number comes next? 2, 4, 6, \_\_\_\_\_

11. Sara found a shape with 5 angles. What shape could it be?

\_\_\_\_\_

12. If a triangle has 3 angles and you have 4 triangles, how many angles do you have? \_\_\_\_\_

13. A circle has corners. True or False?

True  False

14. Circle the shape with the most sides: Square (4) or Octagon (8)

15. What number comes next? 10, 20, 30, \_\_\_\_\_

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Answer Key

1. 12 2. 8 3. Pentagon 4. 4 5. 20 6. True 7. 2 8. 10 9. Quadrilateral 10. 8 11. Pentagon 12. 12 13. False 14. Octagon 15. 40