

# Grade 2 Geometry Challenge Worksheet Set 003

Grade 2 · Geometry · Challenge

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

Use shape attributes, equal-share language, and rows and columns of same-size squares to solve each item.

1. A rectangle has 28 same-size squares arranged in 4 equal rows. How many columns are there?

Answer: \_\_\_\_\_

2. A rectangle has 8 same-size squares arranged in 4 equal rows. How many columns are there?

Answer: \_\_\_\_\_

3. A rectangle is partitioned into 6 rows and 7 columns of same-size squares. How many squares are there?

Answer: \_\_\_\_\_

4. A circle is partitioned into 2 equal shares. What are the shares called?

Answer: \_\_\_\_\_

5. A rectangle has 60 same-size squares arranged in 6 equal rows. How many columns are there?

Answer: \_\_\_\_\_

6. A rectangle has 9 same-size squares arranged in 3 equal columns. How many rows are there?

Answer: \_\_\_\_\_

7. A rectangle is partitioned into 3 rows and 7 columns of same-size squares. How many squares are there?

Answer: \_\_\_\_\_

8. A rectangle has 20 same-size squares arranged in 2 equal rows. How many columns are there?

Answer: \_\_\_\_\_

9. A rectangle is partitioned into 4 equal shares. What are the shares called?

Answer: \_\_\_\_\_

10. A rectangle is partitioned into 3 rows and 3 columns of same-size squares. How many squares are there?

Answer: \_\_\_\_\_

11. A rectangle has 40 same-size squares arranged in 5 equal rows. How many columns are there?

Answer: \_\_\_\_\_

12. A rectangle has 42 same-size squares arranged in 6 equal rows. How many columns are there?

Answer: \_\_\_\_\_

13. How many vertices does a triangle have?

Answer: \_\_\_\_\_

14. A rectangle is partitioned into 6 rows and 2 columns of same-size squares. How many squares are there?

Answer: \_\_\_\_\_

15. A circle is split into 2 parts, but one part is larger than the others. Does it show halves?

Answer: \_\_\_\_\_

16. A rectangle has 8 same-size squares arranged in 2 equal rows. How many columns are there?

Answer: \_\_\_\_\_

17. A rectangle is partitioned into 5 rows and 9 columns of same-size squares. How many squares are there?

Answer: \_\_\_\_\_

18. Two same-size circles are each split into 4 equal shares in different arrangements. Do both circles show fourths?

Answer: \_\_\_\_\_

19. Which shape has exactly 3 straight sides and 3 vertices?

Answer: \_\_\_\_\_

20. A rectangle has 12 same-size squares arranged in 6 equal columns. How many rows are there?

Answer: \_\_\_\_\_

# Answer Key

Answers for all 20 questions

|              |           |
|--------------|-----------|
| 1. 7         | 2. 2      |
| 3. 42        | 4. halves |
| 5. 10        | 6. 3      |
| 7. 21        | 8. 10     |
| 9. fourths   | 10. 9     |
| 11. 8        | 12. 7     |
| 13. 3        | 14. 12    |
| 15. no       | 16. 4     |
| 17. 45       | 18. yes   |
| 19. triangle | 20. 2     |