

Symmetry and Shapes Practice

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. If a rectangle has a length of 12 cm and a width of 5 cm, what is its area?
2. A symmetrical butterfly has 8 spots on one wing. How many spots are there in total?

3. Circle the figure with more lines of symmetry: a square or a triangle.
4. Complete the sequence of symmetrical figures: Circle, Square, Triangle, ____
5. An isosceles triangle has 3 lines of symmetry.
 True False
6. Multiply 34 by 6.
7. If you fold a paper in half, and draw a shape on one side, how many sides does the shape have if it is symmetrical?

8. Divide 144 by 12.

9. What is $0.75 + 0.25$?
10. A rectangle has an area of 48 square units and a width of 6 units. What is its length?

11. Circle the shape with fewer lines of symmetry: a circle or a rectangle.
12. What number comes next in the pattern if it is symmetrical?
2, 4, 6, ____
13. All rectangles have two lines of symmetry.
 True False
14. Find the area of a rectangle that is 10 cm long and 4 cm wide.
15. If a shape has 5 lines of symmetry, what type of polygon could it be?

Answer Key

1. 60 2. 16 3. square 4. Rectangle 5. False 6. 204 7. 2 8. 12 9. 1.00 10. 8 11. rectangle 12. 8 13. True 14. 40 15. Pentagon