

Shape Detectives: 2D Shapes

You're a detective! Identify the shapes and their properties to solve the mystery.

Part 1: Identify the Shape

1. I have 4 equal sides and 4 right angles. What am I?

2. I have 3 sides. What am I? _____

3. I have no straight sides and am perfectly round. What am I?

4. I have 4 sides, with two long sides and two short sides. What am I?

5. I have 6 sides. What am I? _____

Part 2: Sides and Vertices

6. How many vertices does a triangle have? _____

7. How many sides does a pentagon have? _____

8. How many vertices does a rectangle have? _____

9. A shape with 8 sides is called an _____.

10. Does a circle have any vertices? _____

Part 3: Shape Puzzles

11. Can you draw a shape with 5 sides? What is it called?

12. If you put two squares of the same size next to each other, what new shape do you make? _____

13. What is the name for any shape with 4 sides? _____

14. How many more sides does a hexagon have than a triangle?

15. I am a quadrilateral with 4 equal sides but my angles are not right angles. What am I? _____

Answer Key

1. Square | 2. Triangle | 3. Circle | 4. Rectangle | 5. Hexagon | 6. 3 | 7. 5 | 8. 4 | 9. Octagon
| 10. No | 11. Pentagon | 12. A rectangle | 13. Quadrilateral | 14. 3 | 15. Rhombus