



Shape Sorter



Help the robot sort the shapes based on their properties!

Part 1: True or False?

1. All squares are rectangles. _____
2. All rectangles are squares. _____
3. A triangle can have a right angle. _____
4. A circle is a polygon. _____
5. A rhombus always has 4 equal sides. _____

Part 2: Name the Property

6. A shape with 4 right angles is a _____ or a _____.
7. A shape with 4 equal sides is a _____ or a _____.
8. A polygon is a closed shape with _____ sides.

9. A quadrilateral is a polygon with ____ sides.

10. A shape with two pairs of parallel sides is a _____.

Part 3: Sorting Puzzles

11. Name two types of quadrilaterals. _____,

12. Is a trapezoid a parallelogram? _____

13. How are a square and a rhombus alike? _____

14. How are a square and a rhombus different? _____

15. I am a polygon with 5 sides and 5 vertices. What am I?

Answer Key

1. True | 2. False | 3. True | 4. False | 5. True | 6. square, rectangle | 7. square, rhombus | 8. straight | 9. 4 | 10. parallelogram | 11. Square, Rectangle, Rhombus, Parallelogram, Trapezoid (any two) | 12. No (usually only has one pair of parallel sides) | 13. Both have 4 equal sides. | 14. A square has 4 right angles, a rhombus does not have to. | 15. Pentagon