

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

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

## Answer Key: Square vs. Circle Geometry Quiz

Practice identifying shapes with this Square vs. Circle Quiz. Students will compare corners and sides to master basic 2D geometry standards.

**1. Which of these is true about a square but NOT true about a circle?**

**Answer:** B) It has four straight sides

A square is defined by having four equal, straight sides, while a circle is round and has no straight sides.

**2. If you want to draw a circle, what should you make sure it does NOT have?**

**Answer:** C) Sharp corners

Circles are perfectly round and have zero vertices (corners), whereas squares have four sharp corners.

**3. Look at a clock, a coin, and a wheel. Why are these usually circles instead of squares?**

**Answer:** A) They have no straight sides so they can roll or move smoothly

This applies geometry to real life; circles have a continuous curved edge with no corners, allowing them to roll.

**4. What is the same about a square and a circle?**

**Answer:** C) They are both flat, 2D shapes

Both squares and circles are two-dimensional (flat) shapes, which is a shared attribute in geometry.

**5. Sarah has a shape with 4 straight sides that are all the same length. Which shape is it?**

**Answer:** B) A square

A square is a special shape where all four sides are straight and exactly the same length.