

◆ Aksum Math

Name: _____

2D Shapes

Date: _____

Geometry · Grade 1

Score: _____ / 12

◆ Medium · 12 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1. A cube has ___ faces, ___ edges, and ___ vertices.

Answer: _____

2. What is the name of a 3D shape that looks like a can of soup?
(It has 2 circular ends and 1 curved surface.)

Answer: _____

3. Name a 3D shape that has exactly 1 circular face and comes to a point at the top.

Answer: _____

4. What shape has 4 sides where all sides are equal but the angles are NOT all 90° ?

Answer: _____

5. How many sides does any quadrilateral have?

Answer: _____

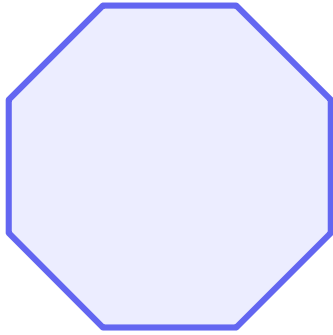
6. What is an equilateral triangle?

Answer: _____

7. True or False: A square is a special type of rectangle.

Answer: _____

8. What shape is shown?



Answer: _____

9. True or False: A circle has no corners.

Answer: _____

- 10.** Which 2D shape has only 3 sides?

Answer: _____

- 11.** What is the difference between a square and a rhombus?

Answer: _____

- 12.** Name two things that are the same about a square and a rectangle.

Answer: _____

Answer Key 2D Shapes — Medium

1. 6 faces, 12 edges, 8 vertices

A cube has 6 square faces, 12 edges (lines where faces meet), and 8 corners (vertices).

2. Cylinder

A cylinder has 2 circular faces and 1 curved surface — just like a can of soup.

3. Cone

A cone has 1 circular base and a curved surface that comes to a point (apex) at the top.

4. Rhombus

A rhombus looks like a tilted square — 4 equal sides, but no right angles.

5. 4

Quad- means 4. A quadrilateral always has 4 sides (square, rectangle, rhombus, trapezoid, parallelogram).

6. A triangle with all 3 sides equal in length.

Equi- means equal. An equilateral triangle has 3 equal sides (and 3 equal corners).

7. True

A square is a rectangle where all 4 sides are equal. All squares are rectangles, but not all rectangles are squares.

8. Octagon

Octa- means 8. An octagon has 8 sides (like a stop sign).

9. True

A circle is perfectly round, with no straight sides and no corners (vertices).

10. Triangle

Tri- means 3. A triangle has exactly 3 sides and 3 corners.

- 11. A square has 4 right angles (90°). A rhombus has 4 equal sides but its angles are NOT all 90° .**

Both have 4 equal sides, but a square has all right angles while a rhombus can be tilted (like a diamond shape).

- 12. Both have 4 sides, 4 corners, and 4 right angles (90° angles).**

Squares and rectangles both have 4 sides with right angles. The difference is that a square has all equal sides.
