

Elementary Geometry Basics

Basic Geometry · Answer Key · 10 Questions

1. What is a flat, closed shape with three straight sides called?

- A) Square
- B) Circle
- C) Triangle**
- D) Rectangle

2. Which shape has four equal straight sides and four right angles?

- A) Circle
- B) Triangle
- C) Rectangle
- D) Square**

3. What is a perfectly round shape called?

- A) Oval
- B) Circle**
- C) Square
- D) Star

4. A straight line that goes on forever in both directions is called a:

- A) Ray
- B) Line segment
- C) Line**
- D) Angle

5. What is the name for a point where two lines or sides meet?

- A) Edge
- B) Face
- C) Vertex**
- D) Base

6. Which shape has four straight sides, where opposite sides are equal and parallel, and four right angles?

- A) Square
- B) Triangle
- C) Rhombus
- D) Rectangle**

7. How many sides does a pentagon have?

- A) Three
- B) Four
- C) Five**
- D) Six

8. A shape with six straight sides is called a:

- A) Pentagon
- B) Octagon
- C) Heptagon
- D) Hexagon**

9. What is the term for an angle that forms a perfect 'L' shape?

- A) Acute angle
- B) Obtuse angle
- C) Right angle**
- D) Straight angle

10. A three-dimensional shape with six square faces is a:

- A) Sphere
- B) Cone
- C) Cube**
- D) Cylinder