

Elementary Geometry Basics

Geometry · Answer Key · 8 Questions

1. What is the name for a shape with three straight sides and three corners?

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

2. Which of these shapes has four equal sides and four right angles?

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

3. What do we call a flat surface with no thickness, that extends infinitely in all directions?

- A) Line Segment
- B) Point
- C) Plane**
- D) Ray

4. A shape that has all its points the same distance from a central point is called a:

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

5. How many sides does a pentagon have?

- A) 3
- B) 4
- C) 5**
- D) 6

6. What is a straight path that goes on forever in both directions called?

- A) Line Segment
- B) Ray
- C) Point
- D) Line**

7. Which of the following is a 3D shape with six square faces?

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

8. What is the term for a corner or a pointy part of a shape?

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