

Geometric Shapes and Properties

Geometry · Answer Key · 12 Questions

1. How many sides does a standard triangle have?

- A) 2
- B) 3**
- C) 4
- D) 5

2. A square is a special type of rectangle that has all sides of what length?

- A) Different
- B) Unequal
- C) Equal**
- D) Curved

3. Which 3D shape looks like a ball or a globe?

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

4. How many corners does a circle have?

- A) 0**
- B) 1
- C) 2
- D) 4

5. A pentagon is a polygon that has how many sides?

- A) 4
- B) 5**
- C) 6
- D) 8

6. Which shape has exactly four equal sides and four right angles?

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

7. A cylinder has two flat faces that are shaped like which geometric figure?

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

8. How many faces does a cube have?

- A) 4
- B) 6**
- C) 8
- D) 10

9. What is the name of a shape with six sides?

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

10. An oval is most similar in appearance to which other shape?

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

11. A rectangle has how many pairs of equal sides?

- A) 1
- B) 2**
- C) 3
- D) 4

12. Which 3D object has a circular base and a single pointed top?

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