Elementary Geometry Essentials

Geometry · Answer Key · 25 Questions

1. How many sides does a triangle have?

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

2. What is the name of a shape with four equal sides and four right angles?

A) Circle
B) Triangle
C) Square
D) Pentagon

3. Which shape has no corners?

A) Rectangle
B) Circle
C) Triangle
D) Hexagon

4. How many sides does a pentagon have?

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

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

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

6. What do we call an angle that is exactly 90 degrees?

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

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7. How many sides does a hexagon have?

A) 5
B) 6
C) 7
D) 8

8. Which 2D shape has eight sides?

A) Heptagon
B) Octagon
C) Nonagon
D) Decagon

9. A shape with three sides of different lengths is called a:

A) Scalene triangle
B) Square
C) Circle
D) Rectangle

10. What is the flat surface of a 3D object called?

A) Edge
B) Corner
C) Face
D) Vertex

11. How many corners does a square have?

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

12. Which shape is shaped like a ball?

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

13. What is the point where two lines meet called?

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

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14. An angle smaller than a right angle is called an:

A) Acute angle
B) Obtuse angle
C) Straight angle
D) Reflex angle

15. A cylinder has how many circular faces?

A) 0
B) 1
C) 2
D) 3

16. How many sides does a heptagon have?

A) 6
B) 7
C) 8
D) 9

17. What is the line where two faces of a 3D object meet called?

A) Corner
B) Edge
C) Vertex
D) Surface

18. Which shape has only one curved side?

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

19. A shape with four sides of equal length but not necessarily right angles is a:

A) Rectangle
B) Rhombus
C) Triangle
D) Circle

20. How many vertices does a cube have?

A) 6
B) 8
C) 10
D) 12

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21. An angle larger than 90 degrees but less than 180 degrees is an:

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

22. What 3D shape has a circular base and comes to a point?

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

23. How many sides does a quadrilateral have?

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

24. A shape with ten sides is called a:

A) Nonagon
B) Decagon
C) Heptagon
D) Octagon

25. Which of these shapes has the most sides?

A) Triangle
B) Square
C) Pentagon
D) Hexagon

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