

Class 4 Mathematics Practice Test (Original Set)

Topic: Geometry (Shapes, Lines, Circles, Symmetry & Patterns)

Format: Fill in the Blanks & True/False

PART A: FILL IN THE BLANKS (10 Questions)

Q1. A straight path that goes on forever in both directions without stopping is called a _____.

Q2. A circle has only one fixed central point, which is called its _____.

Q3. A 3D shape that looks like a playing die or a Rubik's cube is called a _____.

Q4. The line segment that joins any two points on a circle and passes through the center is the _____.

Q5. A line segment has exactly _____ endpoints.

Q6. If you fold a shape in half so that both sides match exactly, the folding line is called the line of _____.

Q7. The length of the diameter of a circle is _____ times the length of its radius.

Q8. A cylinder has two flat faces and _____ curved face.

Q9. An exact location or position on a flat surface represented by a dot is called a _____.

Q10. Complete the visual pattern: Triangle, Square, Pentagon, _____.

PART B: TRUE OR FALSE (10 Questions)

Q11. A ray has one fixed starting point and goes on forever in the other direction. (True / False)

Q12. A sphere has six flat faces and eight sharp corners. (True / False)

Q13. All the radii (plural of radius) of a particular circle are equal in length. (True / False)

- Q14. The letter 'O' has more than two lines of symmetry. (True / False)
- Q15. A cone has a circular flat base and one sharp vertex at the top. (True / False)
- Q16. Parallel lines are lines that cross each other at a single point. (True / False)
- Q17. The boundary of a circle is made up of straight line segments. (True / False)
- Q18. A cuboid has 12 straight edges. (True / False)
- Q19. The letter 'F' shows perfect horizontal line symmetry. (True / False)
- Q20. In a repeating pattern, the sequence of shapes or numbers must follow a fixed rule. (True / False)

ANSWER KEY

PART A:

1. Line | 2. Center | 3. Cube | 4. Diameter | 5. Two (2)
6. Symmetry | 7. Two (or double) | 8. One (1) | 9. Point | 10. Hexagon (increasing sides)

PART B:

11. True | 12. False (A sphere is perfectly round with zero flat faces/corners) | 13. True
14. True (An ideal circle/letter O has infinite lines of symmetry) | 15. True
16. False (Parallel lines never cross) | 17. False (It is a curved line)
18. True | 19. False (Letter F cannot be folded equally) | 20. True