

Geometry Worksheet – 3

1. A line can not be drawn wholly on a paper. Mark True / False.

- a) True
- b) False

2. Two lines in a plane always intersect. Mark True / False.

- [illegible]

3. Only one line can be passed through a given point. Mark True / False.

- a) True
- b) False

4. Two different lines can be drawn passing through two points. Mark True / False.

- [illegible]

5. Every polygon has at least three sides. Mark True / False.

- a) True b) False

6. Diagonals of a polygon never intersects. Mark True / False.

- [illegible]

7. Longest cord of the circle is diameter. Mark True / False.

- [illegible]

8. Major sector of circle is always greater than the minor sector. Mark True / False.

- [illegible]

9. The whole arc of a circle is known as it's circumference. Mark True / False.

- a) True b) False

10. Radius of a circle is greater than it's diameter. Mark True / False.

- [illegible]

11. How many medians can be drawn in a triangle?

- a) 1 b) 2

- c) 3

12. How many diagonals can be drawn for a rectangle?

- a) 1

- c) 3

13. How many sides are there in a parallelogram?

- | | |
|------|------|
| a) 1 | b) 2 |
| c) 3 | d) 4 |

14. A parallelogram have _____ diagonals.

- | | |
|------|------|
| a) 1 | b) 2 |
| c) 3 | d) 4 |

15. How many diagonals a pentagon can have?

- | | |
|------|------|
| a) 2 | b) 3 |
| c) 4 | d) 5 |

16. By joining any two points of a circle, we obtain _____.

- | | |
|-----------|------------------|
| a) Radius | b) Diameter |
| c) Chord | d) Circumference |

17. Length of a diameter of a circle is 24 cm, then the radius length is _____.

- | | |
|---------|----------|
| a) 5 cm | b) 12 cm |
| c) 8 cm | d) 20 cm |

18. Which of the following statement is true.

- a) A triangle has two angles
- b) A triangle has 4 medians
- c) A triangle has 2 vertices
- d) A triangle has 3 medians

19. All polygons having 4 sides are known as _____.

- | | |
|-------------|------------------|
| a) Triangle | b) quadrilateral |
| c) Pentagon | d) Hexagon |

20. A trapezium in which both pairs of opposite sides are parallel is known as _____.

- | | |
|-------------|------------------|
| a) Triangle | b) quadrilateral |
| c) Pentagon | d) Parallelogram |