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## Lesson 12- Geometry

Fill in the blanks:

1. \_\_\_\_\_ shows position.
  2. A point is represented by a \_\_\_\_\_.
  3. \_\_\_\_\_ is the shortest distance between two points.
  4. A line segment has \_\_\_\_\_ end points.
  5. A \_\_\_\_\_ has a definite length.
  6. A line segment extended endlessly in one direction is called a \_\_\_\_\_.
  7. A ray has \_\_\_\_\_ end points.
  8. A line has \_\_\_\_\_ end points.
  9. A line segment extended endlessly in both directions is called a \_\_\_\_\_.
  10. A triangle is bounded by \_\_\_\_\_ line segments.
  11. A triangle has \_\_\_\_\_ sides and \_\_\_\_\_ vertices.
  12. A square has \_\_\_\_\_ sides and \_\_\_\_\_ vertices.
  13. All sides of a square are \_\_\_\_\_.
  14. A rectangle has \_\_\_\_\_ sides and \_\_\_\_\_ vertices.
  15. The \_\_\_\_\_ sides of a rectangle are equal.
  16. A circle has \_\_\_\_\_ sides.
  17. A cube has \_\_\_\_\_ faces, \_\_\_\_\_ vertices and \_\_\_\_\_ edges.
  18. A sugar-cube has \_\_\_\_\_ faces.
  19. A cuboid has \_\_\_\_\_ faces \_\_\_\_\_ vertices and \_\_\_\_\_ edges.
  20. A cone has \_\_\_\_\_ edges \_\_\_\_\_ vertex and \_\_\_\_\_ faces.
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21. A cylinder has \_\_\_\_\_ faces and \_\_\_\_\_ edges.

22. A sphere has \_\_\_\_\_ face and \_\_\_\_\_ vertex.

23. All faces of a cube are \_\_\_\_\_.

24. Pepsi can have \_\_\_\_\_ shape.

II. Draw:

1. A line segment  $AB=8\text{cm}$

2. A line segment  $\overline{PQ}=7\text{cm}$

3. A line segment  $LM=9\text{cm}$

4. Draw a line segment  $xy=6\text{cm}$

III. 1) Write 3 properties of a triangle.

2) Write 3 properties of a square.

3) Write 3 properties of a rectangle.

4) Write 3 properties of a circle.