

The Elements of Geometry

- 1) What are the coordinates of point of intersection of vertical and horizontal line in the Cartesian plane?
 - (0, 0)
 - (0, y)
 - (x, 0)
 - (1, 1)
- 2) Where does the point (-4, -6) lies in the coordinate plane?
 - Quadrant I
 - Quadrant II
 - Quadrant III
 - Quadrant IV
- 3) The point on the negative y-axis will be in the form of
 - (0, 4)
 - (0, -4)
 - (4, 0)
 - (-4, 0)
- 4) The point (2, 7) lies in the quadrant
 - II
 - I
 - III
 - IV
- 5) Answer the following:
 - i. How many dimensions a solid has?
 - ii. How many books are there in Euclid's Elements ?
 - iii. Write the number of faces of cube and cuboid.
 - iv. What is sum of interior angles of a triangle ?
 - v. Write three un-defined terms of geometry.
- 6) Draw an equilateral triangle whose sides are 5.2 cm. each.
- 7) What is a conjecture ? Give an example for it.
- 8) Give any two axioms from your daily life.
- 9) What is history of The Elements of Geometry?
- 10) what are different types of Axioms?