

Coordinate Geometry : Worksheet -2

1. The line $y=5$ is parallel to the _____ axis.
2. The slope of the Y-axis is _____
3. The distance between $(1, 0)$ and $(0, 1)$ is _____
4. The distance of $(5, 12)$ from the origin is _____
5. The triangle whose vertices are $(0, 0)$, $(a, 0)$ $(0, b)$ is a _____ triangle
6. The center of a circle is the origin and it passes through $(3,4)$. Its radius is_____.
7. The point which divides the line segment joining (x_1, y_1) and (x_2, y_2) in the ratio $m:n$ externally is _____ and internally is _____
8. The centroid of the triangle whose vertices are (x_1, y_1) , (x_2, y_2) and (x_3, y_3) is _____
9. The ratio in which the line segment joining $(4, 6)$ and $(-7, -1)$ is divided by the X- axis is _____
10. The ratio in which the line segment joining $(-3, 2)$ and $(6, 1)$ is divided by the Y-axis is _____

