

1. The mid-point of the line segment joining the points A(-2, 8) and B(-6, -4) is

2. Find the points of trisection of the line segment joining the points (5, -6) and (-7, 5)
3. Find the ratio in which the points (2, y) divides the line segment joining the points A (-2, 2) and B (3, 7).
4. The point which divides the line segment joining the points (7, -6) and (3, 4) in the ratio 1 : 2 internally lies in the
5. The co-ordinates of the centroid of a triangle whose vertices are A (- 1, 3), B(1, - 1) and C (5, 1) are
6. The point which lies on the perpendicular bisector of the line segment joining the points A (-2, -5) and B (2, 5) is
7. The area of the triangle whose vertices are A(1, 2), B(-2, 3) and C(-3, -4) is
8. If the distance between the points (x, -1) and (3, 2) is 5, then the value of x is
9. If the points P(1, 2), B(0, 0) and C(a, b) are collinear, then
10. The distance of the point P(2, 3) from the x-axis is