



Multiple choice questions



Exercise 5.5



- The area of triangle formed by the points $(-5,0)$, $(0,-5)$ and $(5,0)$ is
(1) 0 sq.units (2) 25 sq.units (3) 5 sq.units (4) none of these
- A man walks near a wall, such that the distance between him and the wall is 10 units. Consider the wall to be the Y axis. The path travelled by the man is
(1) $x = 10$ (2) $y = 10$ (3) $x = 0$ (4) $y = 0$
- The straight line given by the equation $x = 11$ is
(1) parallel to X axis (2) parallel to Y axis
(3) passing through the origin (4) passing through the point $(0,11)$
- If $(5,7)$, $(3,p)$ and $(6,6)$ are collinear, then the value of p is
(1) 3 (2) 6 (3) 9 (4) 12
- The point of intersection of $3x - y = 4$ and $x + y = 8$ is
(1) $(5,3)$ (2) $(2,4)$ (3) $(3,5)$ (4) $(4,4)$
- The slope of the line joining $(12,3)$, $(4,a)$ is $\frac{1}{8}$. The value of ' a ' is
(1) 1 (2) 4 (3) -5 (4) 2

