## Mid point of a line segment

Mid point.

$$(x, y) = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2}\right)$$

Find the coordinates of Mid point in each pair of points on the line.

			Mid Point
Q.1	A (1, 2),	B (4, 5)	(,)
Q.2	A (2, 5),	B (6, -3)	(,)
Q.3	A (4, 3),	B (-8, -7)	(,)
Q.4	A (-3, 1),	B (6, -3)	(,)
Q.5	A (1, 3),	B (4, -1)	(,)
Q.6	A (5, 6),	B (3, -1)	(,)
Q.7	A (-2, 6),	B (-4, -5)	(,)
Q.8	A (7,-6),	B (8, -2)	(,)
Q.9	A (-5, -8),	B (-6, -1)	()
Q.10	A (5, 0),	B (3, -1)	(,)
Find the co-ordinate of the point when one point the mid point known.			
Q.11	A (5, 6),	Mid point (3, -1)	B(,)
Q.12	A (2, 7),	Mid point (2, 1)	B(,)
Q.13	A (-5, 3),	Mid point (-3, 5)	B(,)
Q.14	A (5, -4),	Mid point (5, 7)	B(,)
Q.15	A (-4, -5),	Mid point $(0, -1)$	B(,)
	Q.2 Q.3 Q.4 Q.5 Q.6 Q.7 Q.8 Q.9 Q.10 Find to Q.11 Q.12 Q.13 Q.14	Q.2 A (2, 5), Q.3 A (4, 3), Q.4 A (-3, 1), Q.5 A (1, 3), Q.6 A (5, 6), Q.7 A (-2, 6), Q.8 A (7,-6), Q.9 A (-5, -8), Q.10 A (5, 0),	Q.2 A (2, 5), B (6, -3) Q.3 A (4, 3), B (-8, -7) Q.4 A (-3, 1), B (6, -3) Q.5 A (1, 3), B (4, -1) Q.6 A (5, 6), B (3, -1) Q.7 A (-2, 6), B (-4, -5) Q.8 A (7, -6), B (8, -2) Q.9 A (-5, -8), B (-6, -1) Q.10 A (5, 0), B (3, -1) Find the co-ordinate of the point when one point the mid point Q.11 A (5, 6), Mid point (3, -1) Q.12 A (2, 7), Mid point (2, 1) Q.13 A (-5, 3), Mid point (5, 7)