

**Formula for the Day:**

$$\text{Midpoint} = \frac{x_1+x_2}{2}, \frac{y_1+y_2}{2}$$

Find the **Midpoint** for each set of given points.

1. (-10, -5) and (4, -1)

2. (-4, -9) and (-10, -11)

3. (3, -5) and (0, -2)

4. (9, -1) and (10, -11)

5. (-3, -4) and (3, -3)

6. (-12, -3) and (5, 11)

Find the missing **Endpoint, B**, given a midpoint, M, and an endpoint, A.

7. A (-5, 7) and M (-2, 2)

8. A (-3, 2) and M (4, -1)

9. A (-3, -5) and M (-6, -2)

10. A (5, 3) and M (6, 4)

11. A (2, 5) and M (-1, 3)

12. A (-3, -1) and M (3, -4)