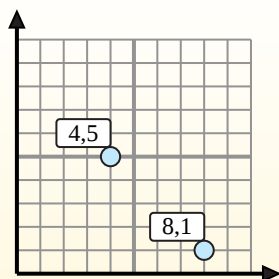




Find the midpoint of each set of coordinates.

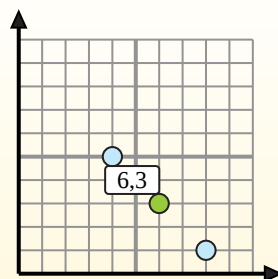
**Answers****Midpoint Formula**

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

To find the midpoint of the coordinates (4,5) and (8,1), plug the values into the midpoint formula.

$$\frac{4 + 8}{2}, \frac{5 + 1}{2}$$

The midpoint is at (6,3).



1) (9, 6) &amp; (5, 10)

2) (0, 9) &amp; (3, 10)

3) (3, 4) &amp; (9, 8)

4) (10, 9) &amp; (2, 9)

5) (7, 3) &amp; (3, 1)

6) (3, 5) &amp; (0, 10)

7) (9, 4) &amp; (3, 7)

8) (1, 4) &amp; (8, 8)

9) (7, 5) &amp; (4, 1)

10) (7, 8) &amp; (2, 2)

11) (10, 6) &amp; (9, 4)

12) (5, 6) &amp; (7, 10)

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



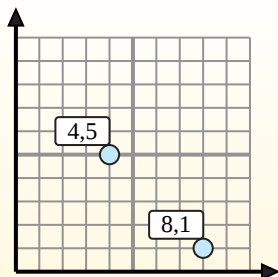
Find the midpoint of each set of coordinates.

**Midpoint Formula**

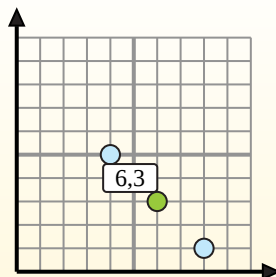
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The midpoint is at (6,3).

**Answers**

1. **(7, 8)**

2. **(1.5, 9.5)**

3. **(6, 6)**

4. **(6, 9)**

5. **(5, 2)**

6. **(1.5, 7.5)**

7. **(6, 5.5)**

8. **(4.5, 6)**

9. **(5.5, 3)**

10. **(4.5, 5)**

11. **(9.5, 5)**

12. **(6, 8)**

1)  $(9, 6) \& (5, 10) \quad \left( \frac{9+5}{2}, \frac{6+10}{2} \right) = (7, 8)$

2)  $(0, 9) \& (3, 10) \quad \left( \frac{0+3}{2}, \frac{9+10}{2} \right) = (1.5, 9.5)$

3)  $(3, 4) \& (9, 8) \quad \left( \frac{3+9}{2}, \frac{4+8}{2} \right) = (6, 6)$

4)  $(10, 9) \& (2, 9) \quad \left( \frac{10+2}{2}, \frac{9+9}{2} \right) = (6, 9)$

5)  $(7, 3) \& (3, 1) \quad \left( \frac{7+3}{2}, \frac{3+1}{2} \right) = (5, 2)$

6)  $(3, 5) \& (0, 10) \quad \left( \frac{3+0}{2}, \frac{5+10}{2} \right) = (1.5, 7.5)$

7)  $(9, 4) \& (3, 7) \quad \left( \frac{9+3}{2}, \frac{4+7}{2} \right) = (6, 5.5)$

8)  $(1, 4) \& (8, 8) \quad \left( \frac{1+8}{2}, \frac{4+8}{2} \right) = (4.5, 6)$

9)  $(7, 5) \& (4, 1) \quad \left( \frac{7+4}{2}, \frac{5+1}{2} \right) = (5.5, 3)$

10)  $(7, 8) \& (2, 2) \quad \left( \frac{7+2}{2}, \frac{8+2}{2} \right) = (4.5, 5)$

11)  $(10, 6) \& (9, 4) \quad \left( \frac{10+9}{2}, \frac{6+4}{2} \right) = (9.5, 5)$

12)  $(5, 6) \& (7, 10) \quad \left( \frac{5+7}{2}, \frac{6+10}{2} \right) = (6, 8)$