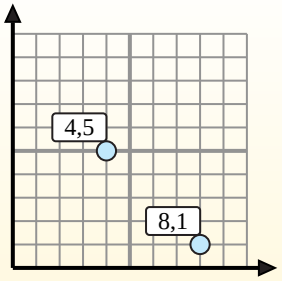
Find the midpoint of the set of coordinates.



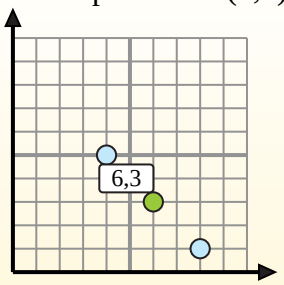
Midpoint Formula

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

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) (8 , 4) & (8 , 4)

2) (4 , 4) & (0 , 9)

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

4) (2 , 0) & (2 , 6)

5) (4 , 8) & (5 , 1)

6) (1 , 7) & (3 , 8)

7) (2 , 6) & (2 , 1)

8) (7 , 2) & (5 , 1)

9) (9 , 8) & (7 , 4)

10) (2 , 9) & (3 , 5)

11) (7 , 1) & (6 , 1)

12) (10 , 2) & (4 , 1)

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

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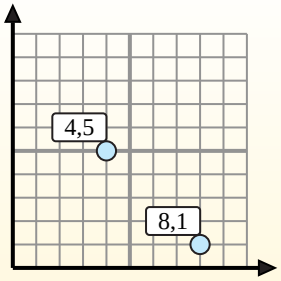

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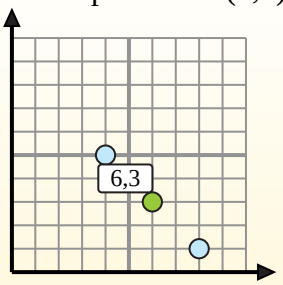

1) (8 , 4) & (8 , 4) $\left(\frac{8+8}{2}, \frac{4+4}{2}\right)$ = (8 , 4)

2) (4 , 4) & (0 , 9) $\left(\frac{4+0}{2}, \frac{4+9}{2}\right)$ = (2 , 6.5)

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

4) (2 , 0) & (2 , 6) $\left(\frac{2+2}{2}, \frac{0+6}{2}\right)$ = (2 , 3)

5) (4 , 8) & (5 , 1) $\left(\frac{4+5}{2}, \frac{8+1}{2}\right)$ = (4.5 , 4.5)

6) (1 , 7) & (3 , 8) $\left(\frac{1+3}{2}, \frac{7+8}{2}\right)$ = (2 , 7.5)

7) (2 , 6) & (2 , 1) $\left(\frac{2+2}{2}, \frac{6+1}{2}\right)$ = (2 , 3.5)

8) (7 , 2) & (5 , 1) $\left(\frac{7+5}{2}, \frac{2+1}{2}\right)$ = (6 , 1.5)

9) (9 , 8) & (7 , 4) $\left(\frac{9+7}{2}, \frac{8+4}{2}\right)$ = (8 , 6)

10) (2 , 9) & (3 , 5) $\left(\frac{2+3}{2}, \frac{9+5}{2}\right)$ = (2.5 , 7)

11) (7 , 1) & (6 , 1) $\left(\frac{7+6}{2}, \frac{1+1}{2}\right)$ = (6.5 , 1)

12) (10 , 2) & (4 , 1) $\left(\frac{10+4}{2}, \frac{2+1}{2}\right)$ = (7 , 1.5)

Answers

1. (8 , 4)
2. (2 , 6.5)
3. (7 , 3)
4. (2 , 3)
5. (4.5 , 4.5)
6. (2 , 7.5)
7. (2 , 3.5)
8. (6 , 1.5)
9. (8 , 6)
10. (2.5 , 7)
11. (6.5 , 1)
12. (7 , 1.5)

1-10	92	83	75	67	58	50	42	33	25	17
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