

Midpoints

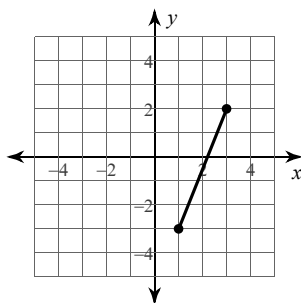
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Name _____

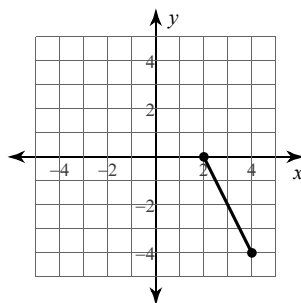
Date _____

Find the midpoint of each line segment.

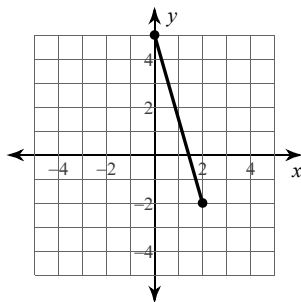
1)



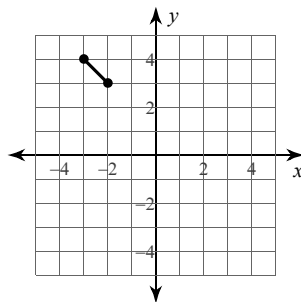
2)



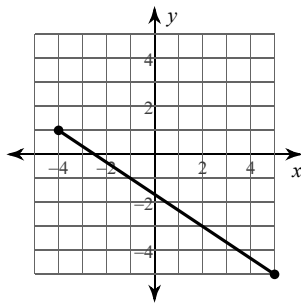
3)



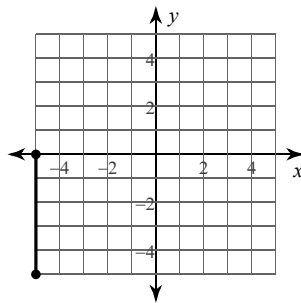
4)



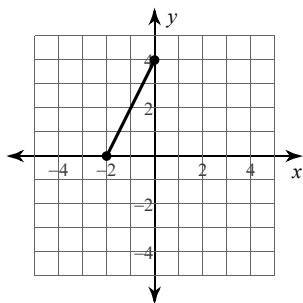
5)



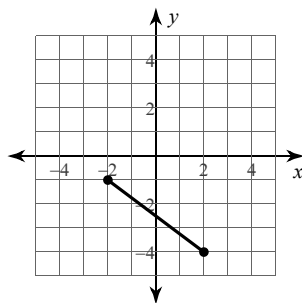
6)



7)



8)



Find the midpoint of the line segment with the given endpoints.

9) $(8, 0), (-5, -3)$

10) $(-1, 3), (10, -2)$

11) $(4, -10), (2, -1)$

12) $(-5, -7), (-6, -7)$

13) $(-8, 8), (10, -2)$

14) $(-9, -10), (4, 5)$

15) $(-7, 2), (-7, 2)$

16) $(10, 10), (-2, -4)$

17) $(5, 0), (10, -5)$

18) $(-1, -4), (10, 1)$

Answers to

1) $\left(2, -\frac{1}{2}\right)$

5) $\left(\frac{1}{2}, -2\right)$

9) $\left(1\frac{1}{2}, -1\frac{1}{2}\right)$

13) $(1, 3)$

17) $\left(7\frac{1}{2}, -2\frac{1}{2}\right)$

2) $(3, -2)$

6) $\left(-5, -2\frac{1}{2}\right)$

10) $\left(4\frac{1}{2}, \frac{1}{2}\right)$

14) $\left(-2\frac{1}{2}, -2\frac{1}{2}\right)$

18) $\left(4\frac{1}{2}, -1\frac{1}{2}\right)$

3) $\left(1, 1\frac{1}{2}\right)$

7) $(-1, 2)$

11) $\left(3, -5\frac{1}{2}\right)$

15) $(-7, 2)$

4) $\left(-2\frac{1}{2}, 3\frac{1}{2}\right)$

8) $\left(0, -2\frac{1}{2}\right)$

12) $\left(-5\frac{1}{2}, -7\right)$

16) $(4, 3)$