

Midpoint and Distance Formulas

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

1) $(-4, -2), (3, 3)$

2) $(-1, 0), (-3, -4)$

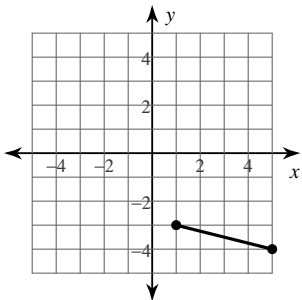
Find the other endpoint of the line segment with the given endpoint and midpoint.

3) Endpoint: $(-5, 4)$, midpoint: $(-10, -6)$

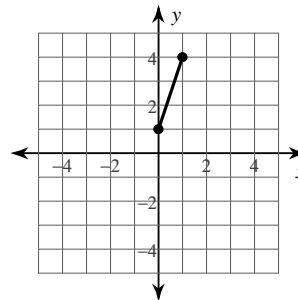
4) Endpoint: $(-8, 8)$, midpoint: $(5, -3)$

Find the midpoint of each line segment.

5)



6)



Find the distance between each pair of points. Round your answer to the nearest tenth, if necessary.

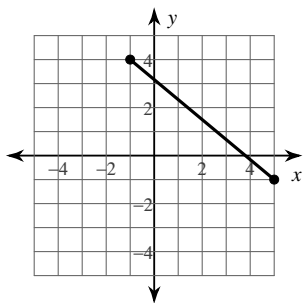
7) $(7, 6), (0, 2)$

8) $(4, 2), (-6, -6)$

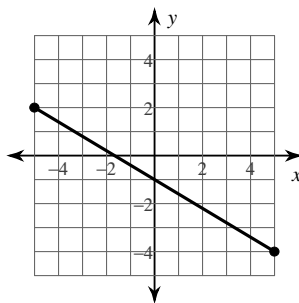
9) $(-6, 1), (-3, 1)$

10) $(-3, 6), (2, 1)$

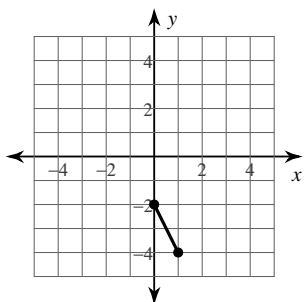
11)



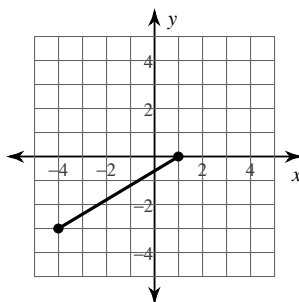
12)



13)



14)



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

1) $(-4, -2), (3, 3)$

2) $(-1, 0), (-3, -4)$

$(-2, -2)$

$(-0.5, 0.5)$

Find the other endpoint of the line segment with the given endpoint and midpoint.

3) Endpoint: $(-5, 4)$, midpoint: $(-10, -6)$

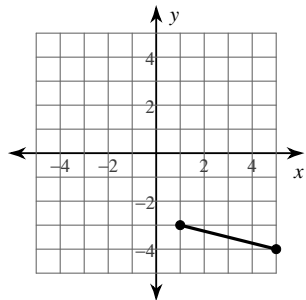
4) Endpoint: $(-8, 8)$, midpoint: $(5, -3)$

$(18, -14)$

$(-15, -16)$

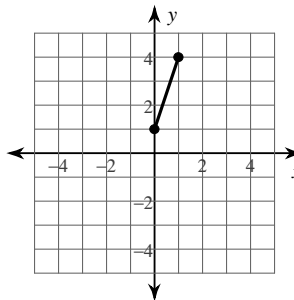
Find the midpoint of each line segment.

5)



$(3, -3.5)$

6)



$(0.5, 2.5)$

Find the distance between each pair of points. Round your answer to the nearest tenth, if necessary.

7) $(7, 6), (0, 2)$

8.1

8) $(4, 2), (-6, -6)$

12.8

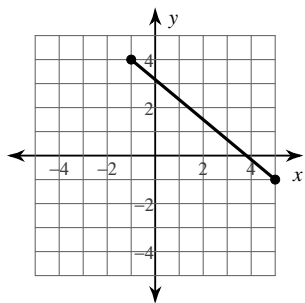
9) $(-6, 1), (-3, 1)$

3

10) $(-3, 6), (2, 1)$

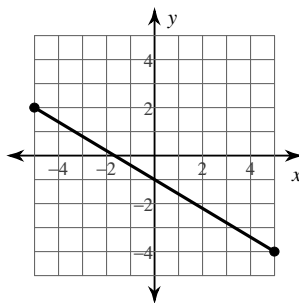
7.1

11)



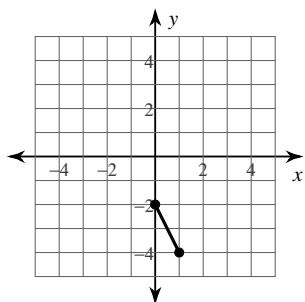
7.8

12)



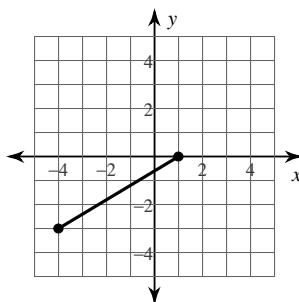
11.7

13)



2.2

14)



5.8