

Practice Quiz on distance formula and midpoint formula Date _____ Period _____

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

1) $(1, 3), (3, 1)$

2) $(4, -5), (-6, 3)$

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

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

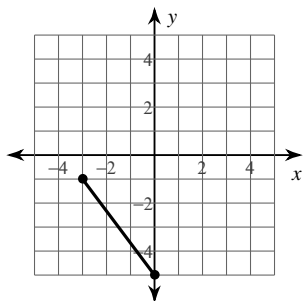
4) Endpoint: $(-7, 6)$, midpoint: $(10, 7)$

Find the distance between each pair of points.

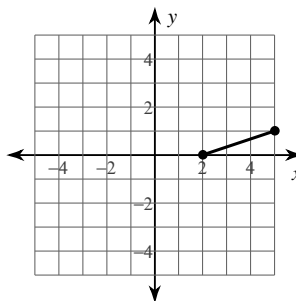
5) $(-7, 0), (-2, 0)$

6) $(8, 1), (6, 5)$

7)



8)



Answers to Practice Quiz on distance formula and midpoint formula (ID: 1)

1) $(2, 2)$

2) $(-1, -1)$

3) $(2, -18)$

4) $(27, 8)$

5) 5

6) $2\sqrt{5}$

7) 5

8) $\sqrt{10}$