Geometry B

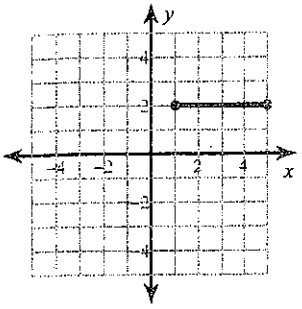
Name_____

Midpoint and Distance Practice # 7

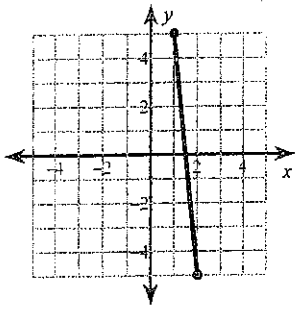
Period____

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

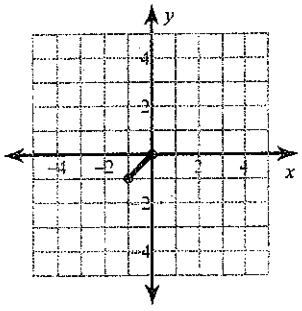
1)



2)



3)



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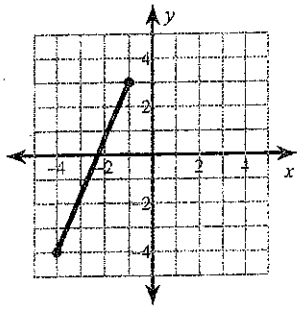

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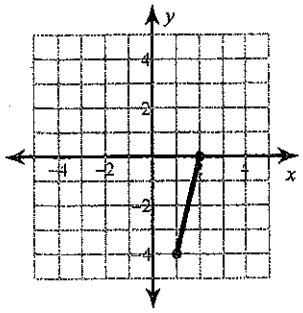
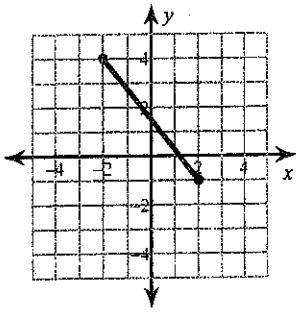


6)



Find the distance between each pair of points.

7) $(-1, 0), (3, 7)$

8) $(-5, -5), (6, 8)$

9) $(-8, 0), (0, -1)$

10) $(5, -1), (5, -2)$

11) $(8, 4), (-7, -3)$

12) $(2, 4), (8, 6)$

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

13) $(1, -5), (2, -10)$

14) $(6, 8), (-2, 7)$

15) $(-9, -7), (-3, -6)$

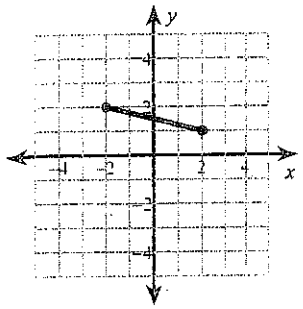
16) $(9, 5), (-9, 4)$

17) $(-2, 7), (-4, -7)$

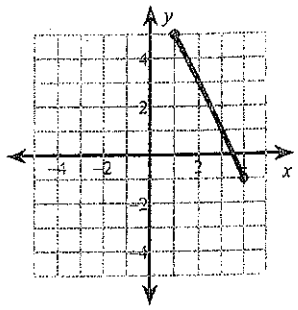
18) $(-5, 10), (-10, 4)$

Find the midpoint of each line segment.

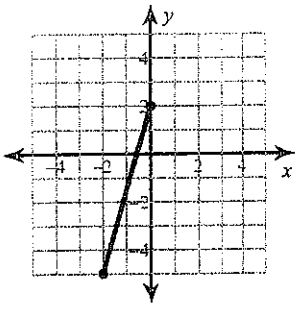
19)



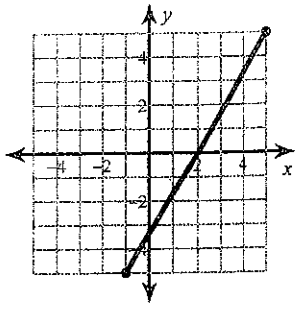
20)



21)



22)



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

23) Endpoint: $(6, -8)$, midpoint: $(0, 5)$

24) Endpoint: $(10, 2)$, midpoint: $(-7, -6)$

25) Endpoint: $(3, -4)$, midpoint: $(-6, 8)$

26) Endpoint: $(0, 0)$, midpoint: $(0, -3)$

27) Endpoint: $(-3, -10)$, midpoint: $(-6, 8)$