

Geometry B

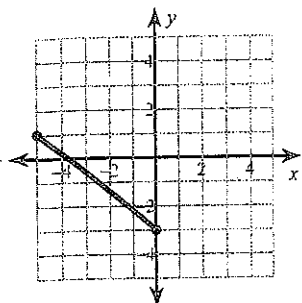
Name _____

Quiz Review

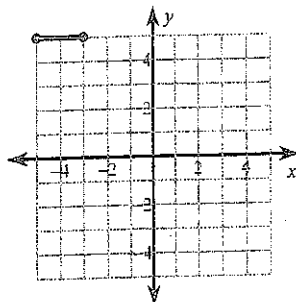
Period _____

Find the distance between each pair of points.

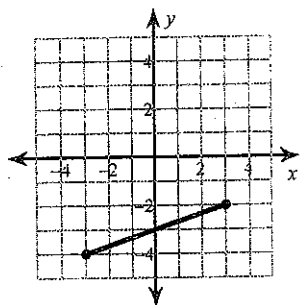
1)



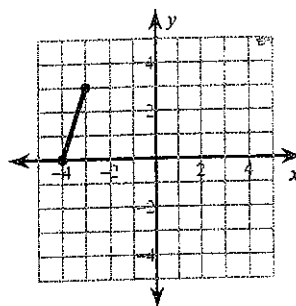
2)



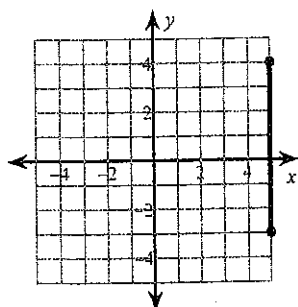
3)



4)

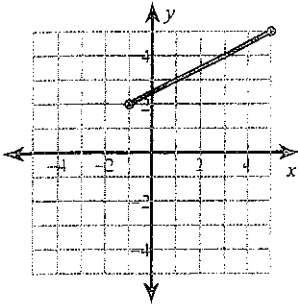


5)

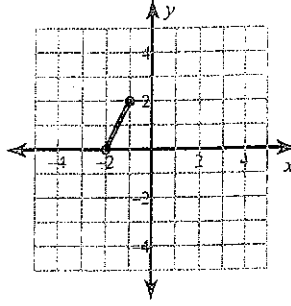
6) $(6, 5), (1, 2)$ 7) $(-8, 1), (6, -7)$ 8) $(-4, 1), (-7, 4)$ 9) $(3, 1), (-4, 2)$ 10) $(-1, -4), (-2, 3)$

Find the midpoint of each line segment.

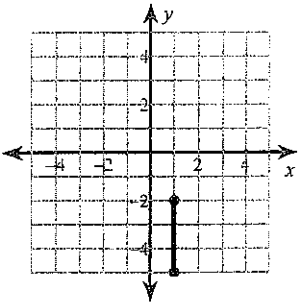
11)



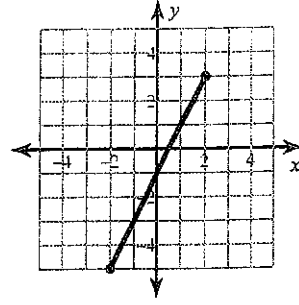
12)



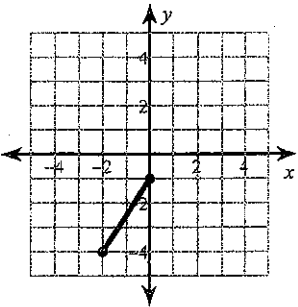
13)



14)



15)



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

16) $(8, 8), (1, 3)$

17) $(-5, -4), (2, -5)$

18) $(5, -2), (-6, 5)$

19) $(2, 2), (1, -5)$

20) $(-2, 6), (-5, 6)$

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

21) Endpoint: $(9, 9)$, midpoint: $(1, 6)$

22) Endpoint: $(6, -8)$, midpoint: $(-5, -4)$

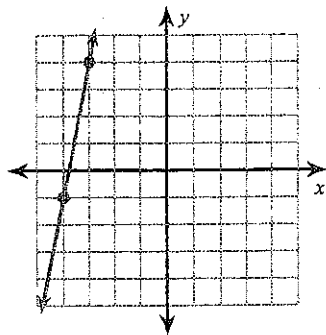
23) Endpoint: $(-1, 7)$, midpoint: $(-4, 9)$

24) Endpoint: $(2, -4)$, midpoint: $(2, 7)$

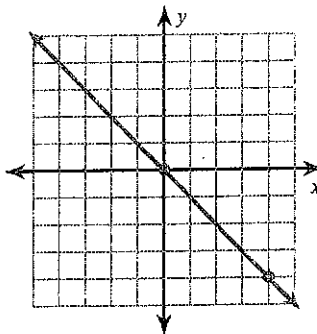
25) Endpoint: $(-9, -2)$, midpoint: $(-6, -4)$

Find the slope of each line.

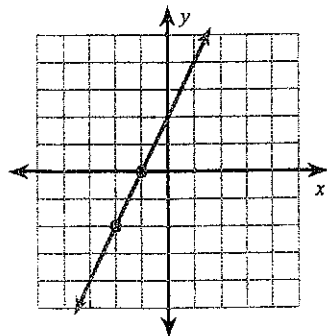
26)



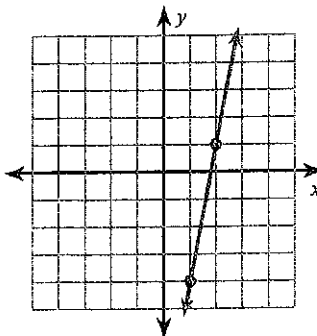
27)



28)



29)



Find the slope of the line through each pair of points.

30) $(-20, 20), (17, -11)$

31) $(20, -5), (-20, -8)$

32) $(4, -13), (-1, -5)$

33) $(8, 8), (20, 10)$

34) $(-8, 16), (-11, 9)$

Find the slope of a line parallel to each given line.

35) $y = -7x - 4$

36) $x = 5$

37) $y = \frac{1}{2}x + 5$

38) $y = -\frac{3}{4}x - 4$

39) $y = x - 5$

Find the slope of a line perpendicular to each given line.

40) $y = -\frac{3}{4}x - 2$

41) $y = 3x - 1$

42) $y = \frac{1}{2}x - 1$

43) $x = 5$

44) $y = x$