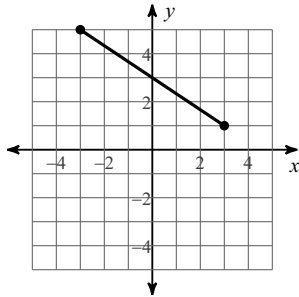


Day 4 Homework

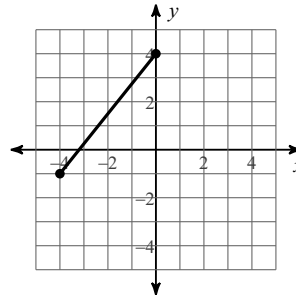
Date _____ Period _____

Find the midpoint of each line segment. Show your work GRAPHICALLY.

1)



2)



Find the midpoint of each line segment. Show your work ALGEBRAICALLY.

3) $(0, 7)$, $(-2, 0)$

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

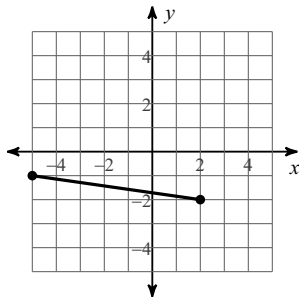
Find the other endpoint of the line segment with the given endpoint and given midpoint. Show your work ALGEBRAICALLY.

5) Endpoint: $(-10, 8)$, midpoint: $(8, 4)$

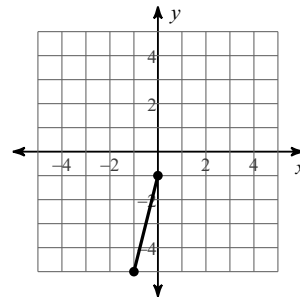
6) Endpoint: $(-3, 8)$, midpoint: $(-6, -2)$

Find the other endpoint of the line segment with the given endpoint and given midpoint. Show your work GRAPHICALLY. E=Endpoint; M=Midpoint

7)

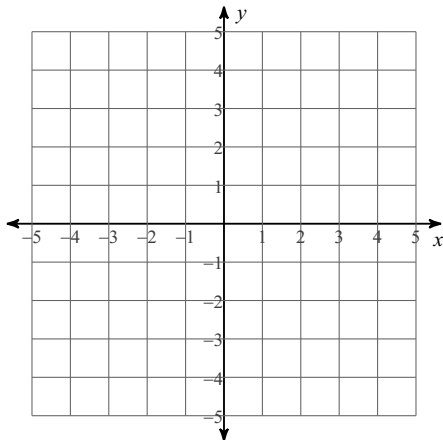


8)

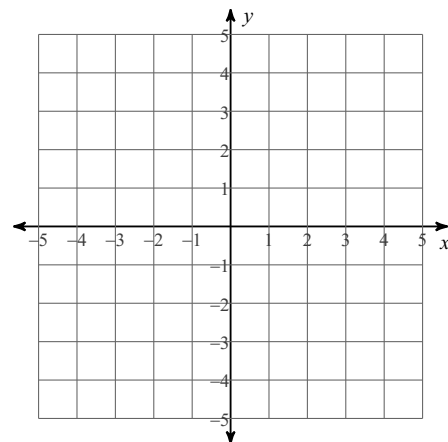


Review: Solve each system by graphing.

9) $y = \frac{2}{3}x + 3$
 $y = \frac{2}{3}x - 3$



10) $y = 2x + 2$
 $y = \frac{2}{3}x - 2$



Round the following numbers to the hundredths place.

11) 2.9456

12) 3.99999