

Name _____

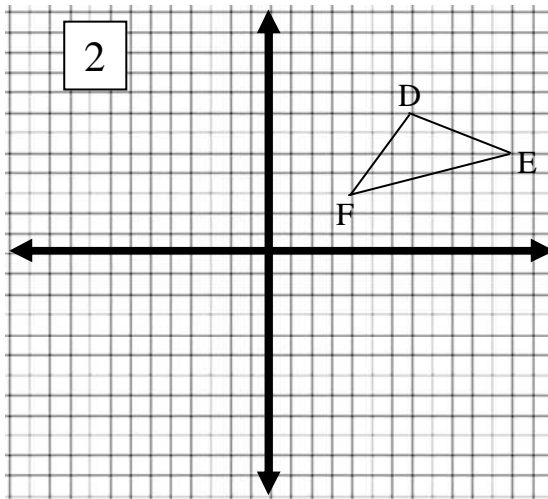
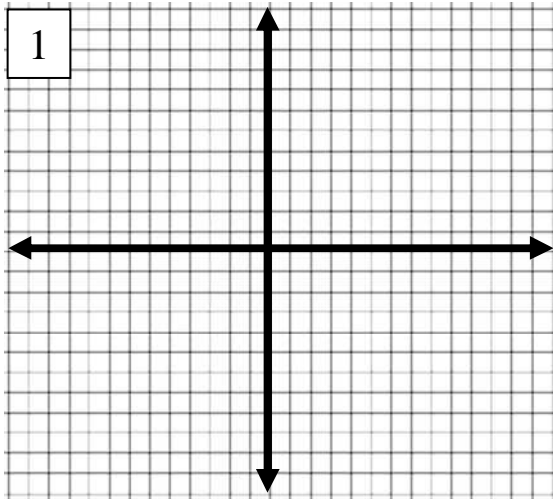
Hr _____ Date _____

Quiz 4.1

1) Plot the following points and connect them with straight line segments. Label each point with its letter and ordered pair.

A(3, 2) B(-1, 0) C(4, -5)

2a, 2b, 2c) Find the slope of the 3 line segments below.

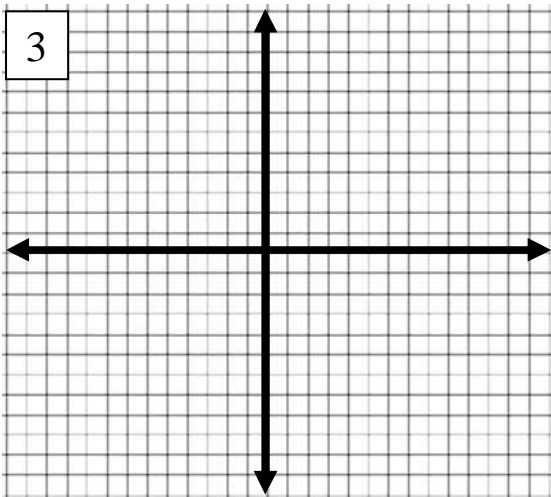


Slope \overline{DE} _____

Slope \overline{EF} _____

Slope \overline{FD} _____

3a) Write an ordered pair that identifies the location of E in graph 2 above. _____



3b) In Graph 2, find the slope of the line that connects the origin to point F _____

4a) In graph 3, at left, graph the equation $2x + 3y = 6$

4b) Name the slope of the line in 4a. _____

4c) Name the y-intercept of the line in 4a. _____

5) In graph 3, at left, graph the equation

$$y = \frac{3}{2}x + 2$$

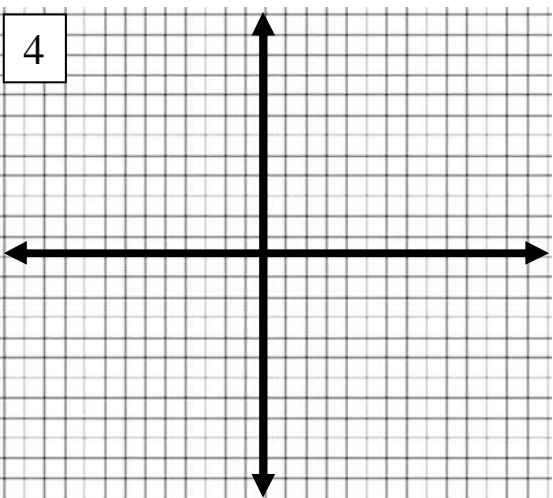
6) In the equation $y = x - 3$, name the x-intercept _____

7) Name the y-intercept in the equation

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

8) Plot the following 2 points in graph 4 and name the slope of the line that includes them.

G(3, -2) H(0, -5) Slope _____



9) The equation $y = 3$ graphs as a horizontal line through the point (0, 3). What is the slope of this line? _____

10) The equation $x = 4$ graphs as a vertical line through (4, 0). What is the slope of this line? _____