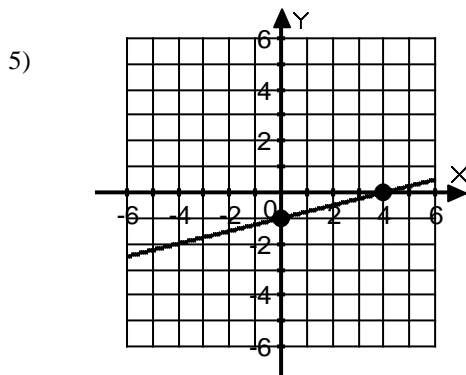
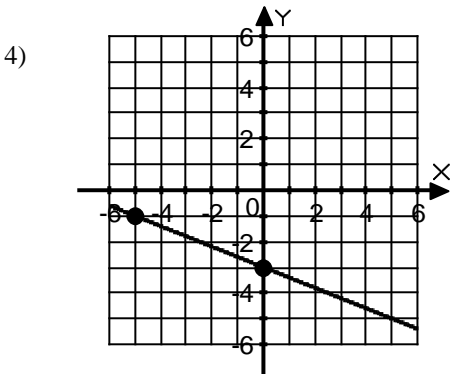
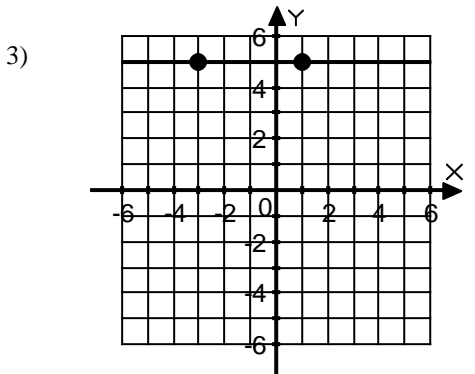
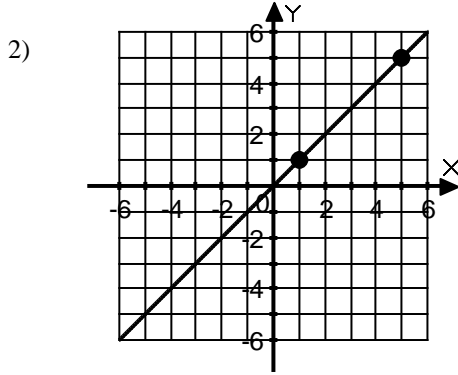
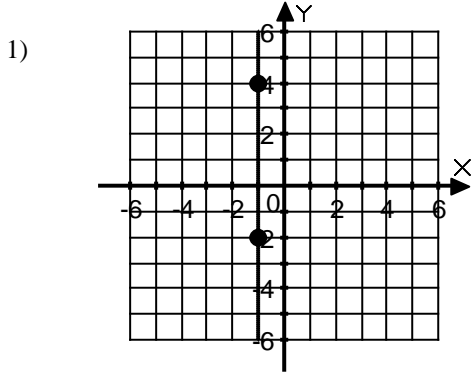


NAME \_\_\_\_\_

DATE \_\_\_\_\_

**SLOPE: Worksheet 4**

Find the slope of the line in each graph.



Find the slope of the line containing the following points.

6) A(8,2) B(3,5)

7) C(2,5) D(4,5)

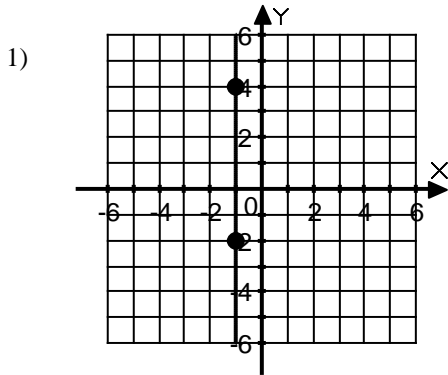
8) E(3,-1) F(1,1)

9) G(0,2) H(4,4)

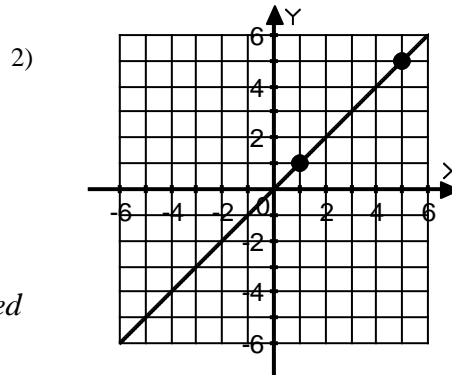
10) I(3,3) J(10,12)

KEY  
SLOPE: Worksheet 4

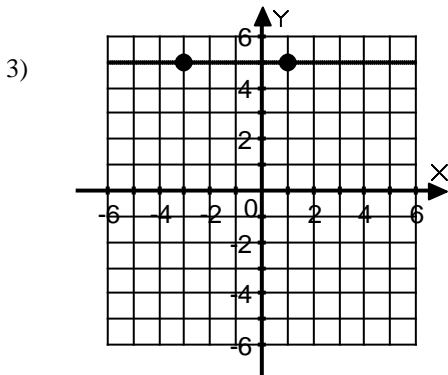
Find the slope of the line in each graph.



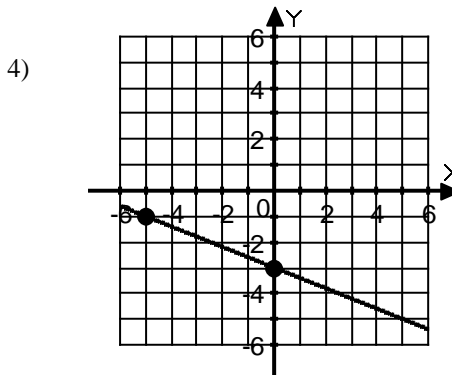
$$\frac{\text{rise}}{\text{run}} = \frac{6}{0} = \text{undefined}$$



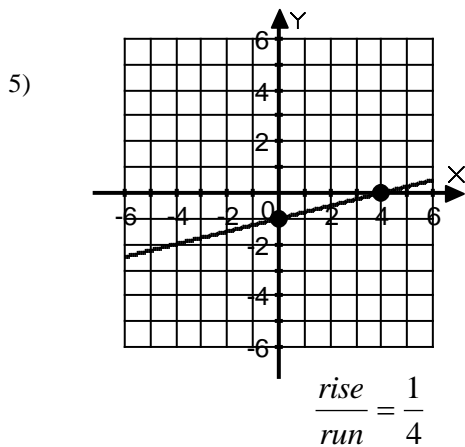
$$\frac{\text{rise}}{\text{run}} = \frac{4}{4} = 1$$



$$\frac{\text{rise}}{\text{run}} = \frac{0}{4} = 0$$



$$\frac{\text{rise}}{\text{run}} = \frac{2}{-5} = -\frac{2}{5}$$



$$\frac{\text{rise}}{\text{run}} = \frac{1}{4}$$

Find the slope of the line containing the following points.

6) A(8,2) B(3,5)  $\frac{y_2 - y_1}{x_2 - x_1} = \frac{5 - 2}{3 - 8} = \frac{3}{-5} = -\frac{3}{5}$

7) C(2,5) D(4,5)  $\frac{y_2 - y_1}{x_2 - x_1} = \frac{5 - 5}{4 - 2} = \frac{0}{2} = 0$

8) E(3,-1) F(1,1)  $\frac{y_2 - y_1}{x_2 - x_1} = \frac{1 - (-1)}{1 - 3} = \frac{2}{-2} = -1$

9) G(0,2) H(4,4)  $\frac{y_2 - y_1}{x_2 - x_1} = \frac{4 - 2}{4 - 0} = \frac{2}{4} = \frac{1}{2}$

10) I(3,3) J(10,12)  $\frac{y_2 - y_1}{x_2 - x_1} = \frac{12 - 3}{10 - 3} = \frac{9}{7}$