

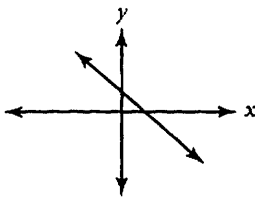


## Practice

### 5.2 Defining Slope

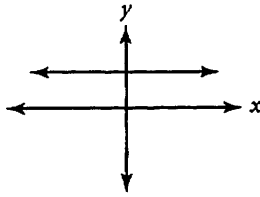
Examine the graphs below. Which lines have a positive slope?  
Which have a negative slope? Which have neither?

1.



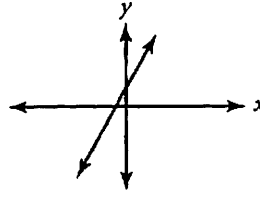
\_\_\_\_\_

2.



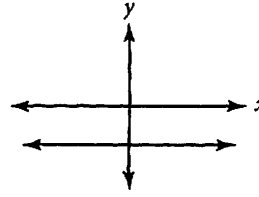
\_\_\_\_\_

3.



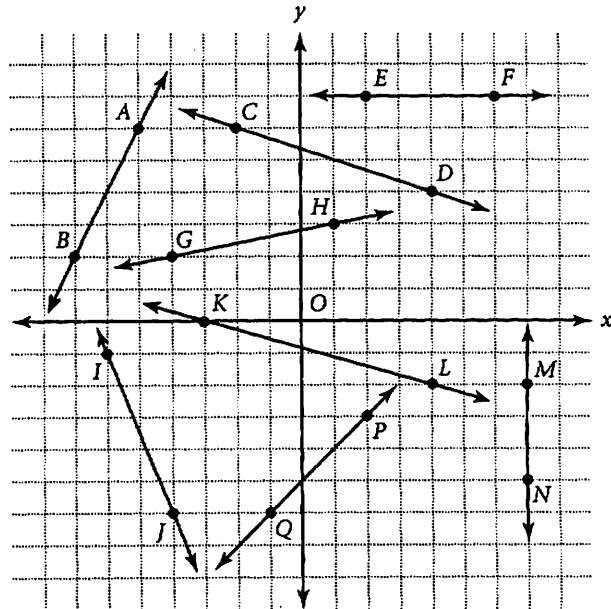
\_\_\_\_\_

4.



\_\_\_\_\_

Use the graph to find the slope of each line.

5.  $\overleftrightarrow{AB}$  \_\_\_\_\_6.  $\overleftrightarrow{CD}$  \_\_\_\_\_7.  $\overleftrightarrow{EF}$  \_\_\_\_\_8.  $\overleftrightarrow{GH}$  \_\_\_\_\_9.  $\overleftrightarrow{IJ}$  \_\_\_\_\_10.  $\overleftrightarrow{KL}$  \_\_\_\_\_11.  $\overleftrightarrow{MN}$  \_\_\_\_\_12.  $\overleftrightarrow{PQ}$  \_\_\_\_\_

Find the slope of each line.

13. rise: -5; run: -5

14. rise: 2; run: 3

\_\_\_\_\_

\_\_\_\_\_

15. rise: -3; run: 4

16. rise: -2; run: -5

\_\_\_\_\_

\_\_\_\_\_

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

17.  $A(3, 9), B(1, 5)$  \_\_\_\_\_18.  $A(7, 5), B(2, 4)$  \_\_\_\_\_19.  $A(-3, 10), B(-5, -4)$  \_\_\_\_\_20.  $A(5, 2), B(2, -1)$  \_\_\_\_\_21.  $A(3, -2), B(-1, 3)$  \_\_\_\_\_22.  $A(-1, 3), B(5, 3)$  \_\_\_\_\_23.  $A(1, 8), B(-1, 7)$  \_\_\_\_\_24.  $A(2, 6), B(3, -4)$  \_\_\_\_\_25.  $A(0, 4), B(3, -2)$  \_\_\_\_\_26.  $A(6, -1), B(5, 6)$  \_\_\_\_\_27.  $A(-9, 9), B(7, -2)$  \_\_\_\_\_28.  $A(3, 7), B(-1, 0)$  \_\_\_\_\_