

Slope - Day 2  
Assignment

Name \_\_\_\_\_  
Date \_\_\_\_\_ Period \_\_\_\_\_

Find the slope and the y-intercept of the line represented by the equations.

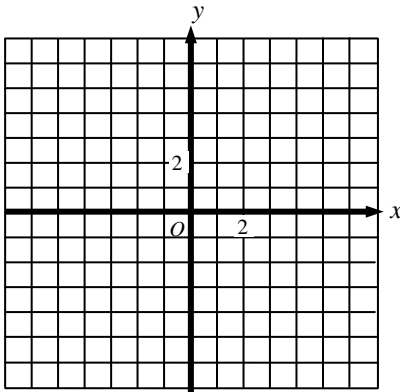
1.  $y = 10 + 3x$  slope \_\_\_\_\_ y-intercept \_\_\_\_\_

2.  $y = -3x$  slope \_\_\_\_\_ y-intercept \_\_\_\_\_

3.  $x + 2y = 4$  slope \_\_\_\_\_ y-intercept \_\_\_\_\_

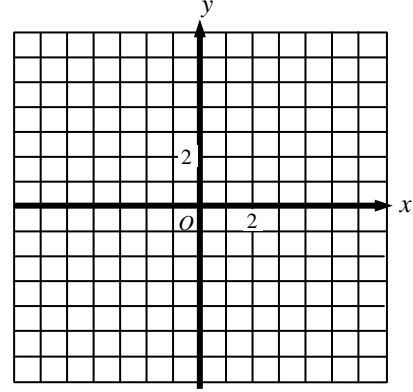
Plot the points on a coordinate grid and draw a line through them. Find the slope of the line and the y-intercept from the graph.

4.  $(0, 0)$  and  $(3, 3)$



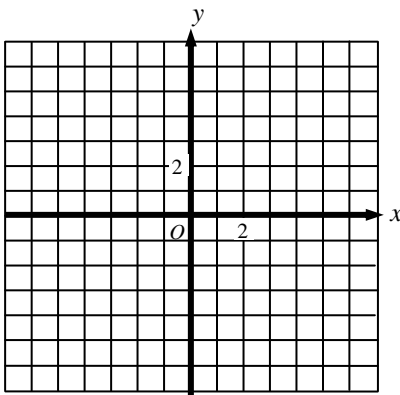
slope \_\_\_\_\_ y-intercept \_\_\_\_\_

5.  $(0, -5)$  and  $(-2, -3)$



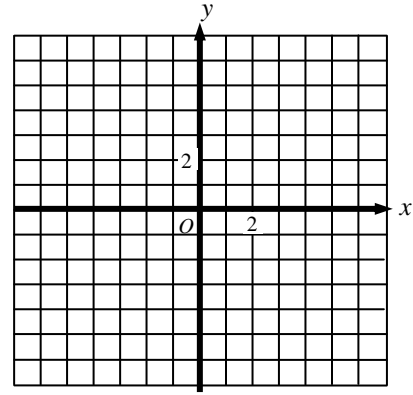
slope \_\_\_\_\_ y-intercept \_\_\_\_\_

6.  $(-1, 3)$  and  $(1, -1)$



slope \_\_\_\_\_ y-intercept \_\_\_\_\_

7.  $(-1, 7)$  and  $(1, 3)$

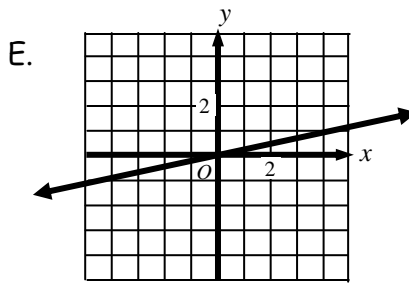
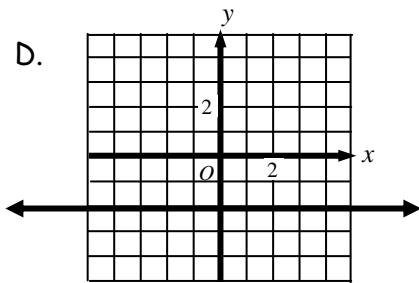
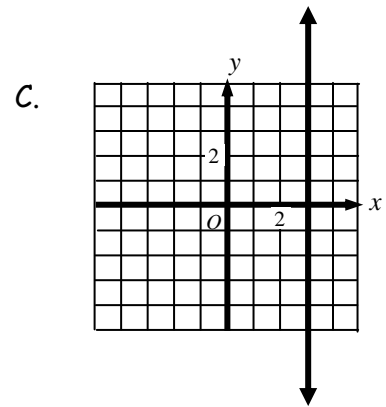
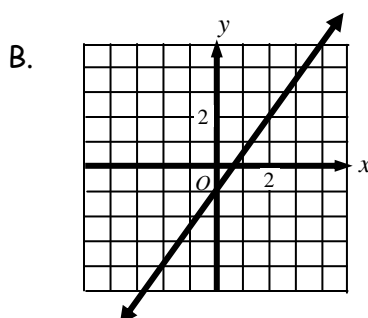
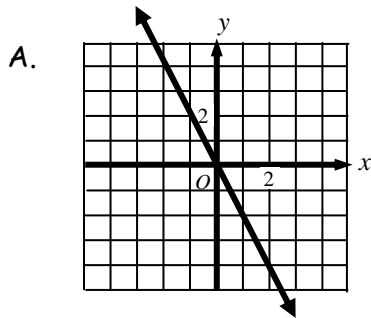


slope \_\_\_\_\_ y-intercept \_\_\_\_\_

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For questions 8 - 11, determine which linear relationship(s) below fit each description.



F.  $y = 4 + -2x$

G.  $y = 1.5$

H.  $y = -5 + 3x$

I.

x	-3	-2	-1	0
y	7	5	3	1

J.

x	-4	-2	-1	0
y	2	2	2	2

8. The line for this relationship has a positive slope. \_\_\_\_\_

9. The line for this relationship has a slope of -2. \_\_\_\_\_

10. The line for this relationship has a slope of 0. \_\_\_\_\_

11. The line for this relationship is not a function. \_\_\_\_\_