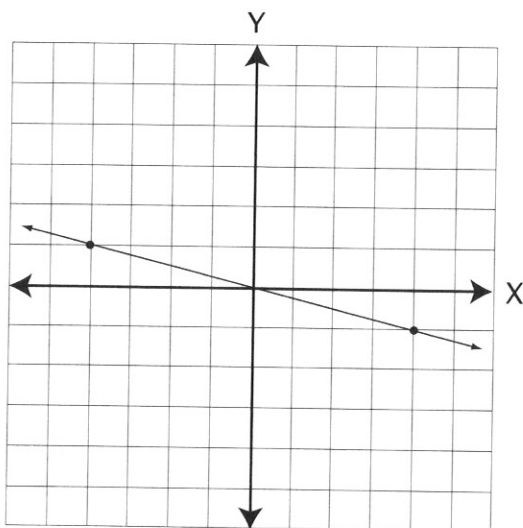


## LESSON PRACTICE

Fill in the blanks.

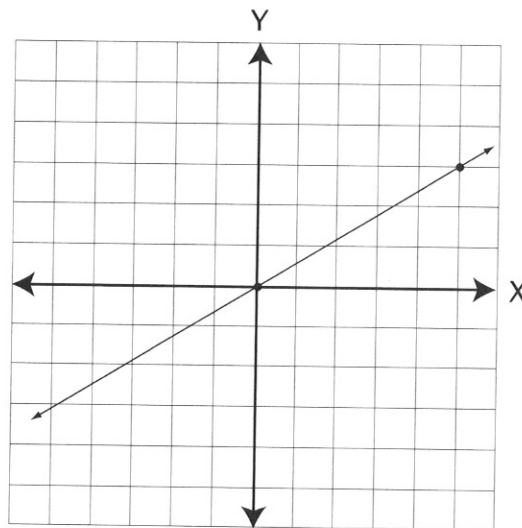
1. In the formula  $Y = 4X + 5$ , the slope is \_\_\_\_\_.
2. In the formula  $Y = -X + 3$ , the Y-intercept is \_\_\_\_\_.
3. Parallel lines have the same \_\_\_\_\_.

For each graph, tell whether the slope is positive or negative, and then make a triangle and find  $m$ .



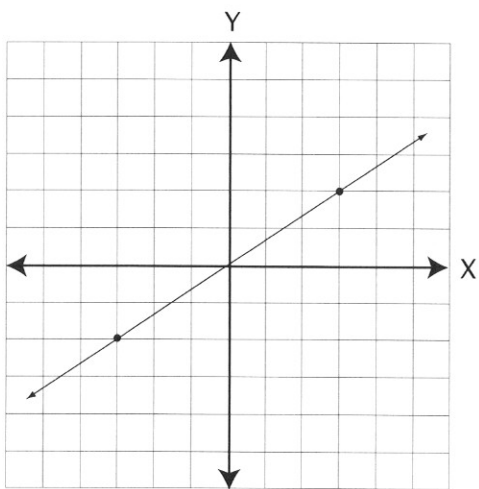
4. positive or negative? \_\_\_\_\_

$m =$  \_\_\_\_\_



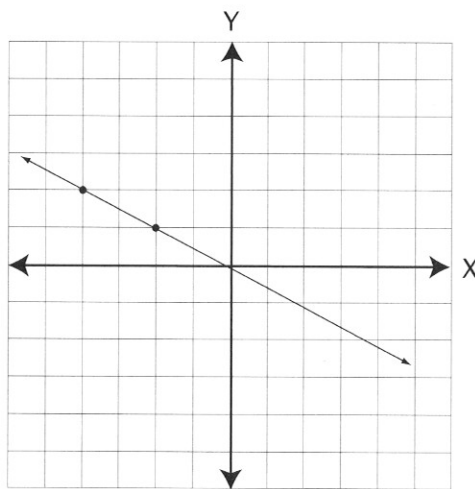
5. positive or negative? \_\_\_\_\_

$m =$  \_\_\_\_\_



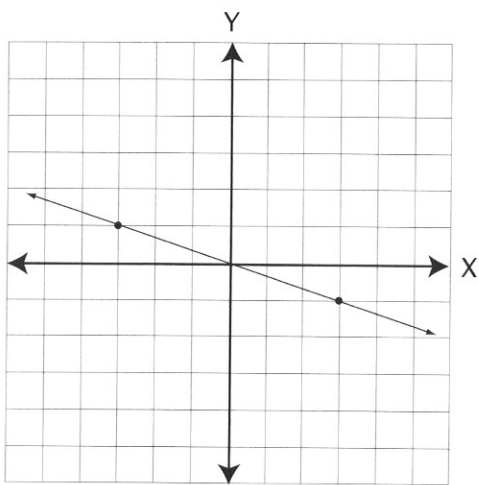
6. positive or negative? \_\_\_\_\_

$m =$  \_\_\_\_



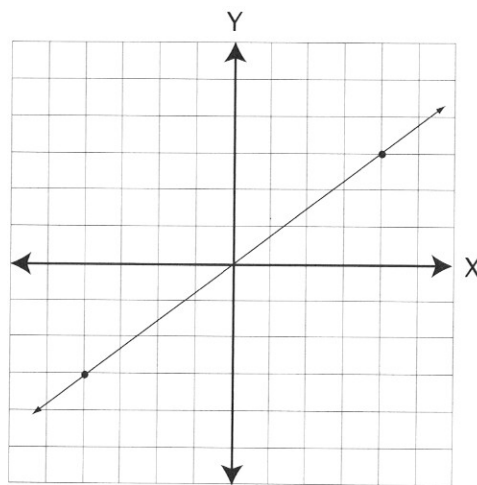
7. positive or negative? \_\_\_\_\_

$m =$  \_\_\_\_



8. positive or negative? \_\_\_\_\_

$m =$  \_\_\_\_



9. positive or negative? \_\_\_\_\_

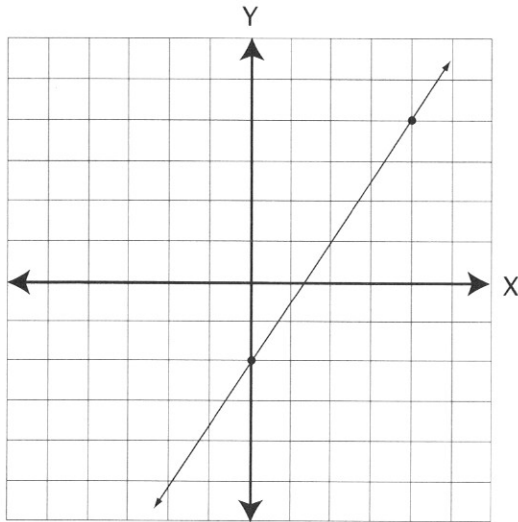
$m =$  \_\_\_\_

SYSTEMATIC REVIEW

Fill in the blanks.

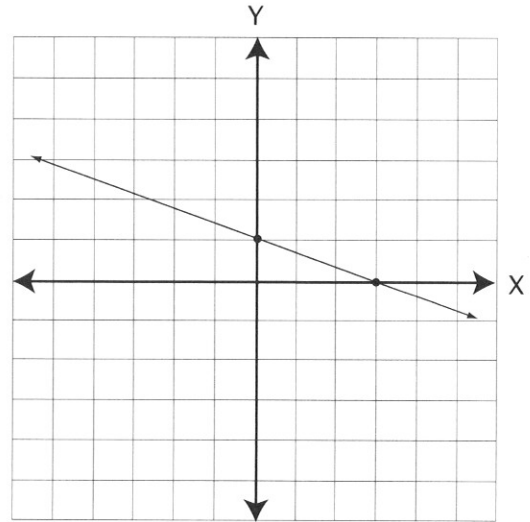
1. A line that includes the point  $(0, -3)$  has a Y-intercept of \_\_\_\_\_.
2. A line with a negative slope slants \_\_\_\_\_ to the right.

Find the slope and intercept of each line, and then write the slope-intercept formula for the line.



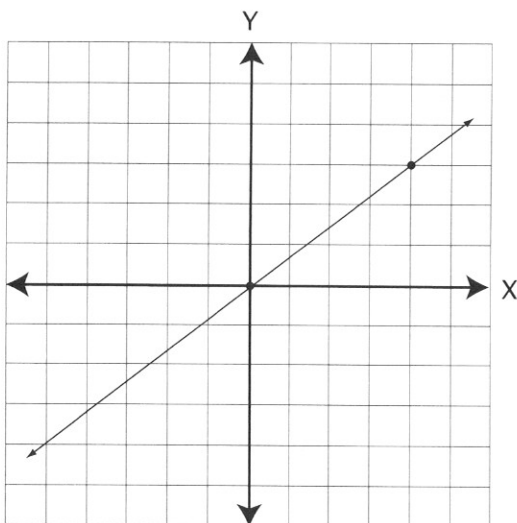
3.  $m = \underline{\hspace{2cm}}$   $b = \underline{\hspace{2cm}}$

4.  $Y = \underline{\hspace{2cm}}$



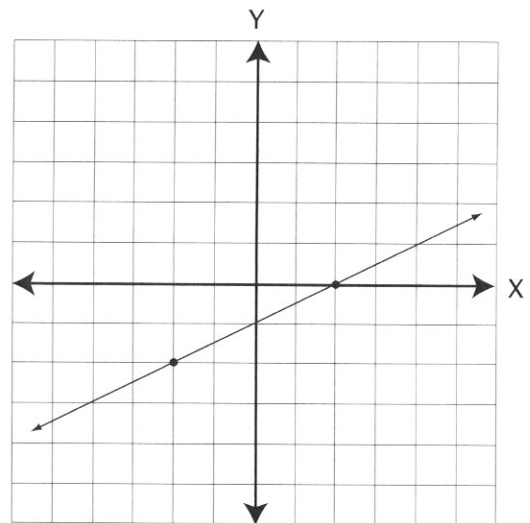
5.  $m = \underline{\hspace{2cm}}$   $b = \underline{\hspace{2cm}}$

6.  $Y = \underline{\hspace{2cm}}$



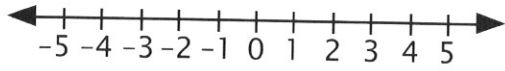
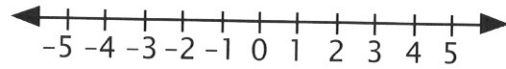
7.  $m = \underline{\hspace{2cm}}$   $b = \underline{\hspace{2cm}}$

8.  $Y = \underline{\hspace{2cm}}$



9.  $m = \underline{\hspace{2cm}}$   $b = \underline{\hspace{2cm}}$

10.  $Y = \underline{\hspace{2cm}}$

11. Plot all the values of  $X > -3.5$ .12. Plot all the values of  $X \leq 1 \frac{1}{2}$ .

Simplify.

13.  $[(7 - 3) \times 4^2 - 9] \div 3^3 =$

14.  $| -4 - 2 | + 8^2 - 7 \times 5 + 19 =$

15.  $13^2 + 5 \div 10 =$

16.  $5(9 - 2) - 6(7) + 2^3 \cdot 3 =$

Solve.

17.  $2X - 5 = -X + 13$

18.  $Y + 14 - 3Y = 0$

19.  $-3 \frac{1}{2} B + \frac{2}{3} = 5 \frac{1}{4} + \frac{5}{6} B$

20.  $2.7T + 1.09 = 5.3 - .6T$