

GRAPHING REVIEW

NAME _____ PERIOD _____

Find the slope of the line between the following points.

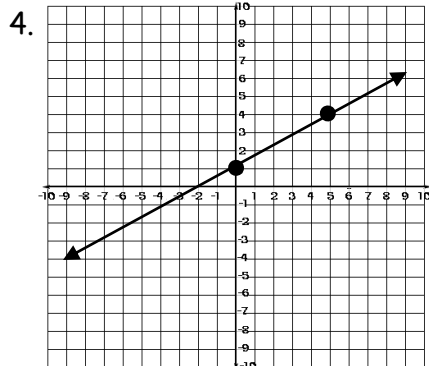
1. (3, -5) and (4, 6)

2. (-7, 4) and (-10, -4)

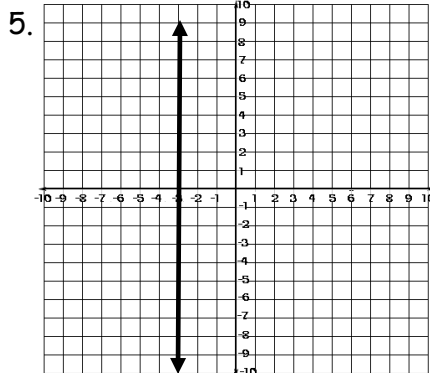
3. (4, -2) and (6, -2)



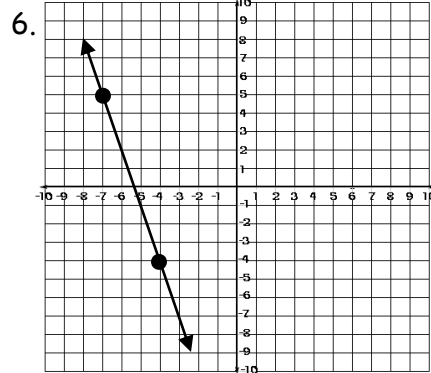
Find the slope of the line.



SLOPE = _____



SLOPE = _____



SLOPE = _____

Identify the slope and y-intercept of each of the following equations.

7. $y = -3/4x - 8$

8. $3x - 2y = 8$

9. $-4y = 6x + 15$

SLOPE = _____

Y-INT = _____

SLOPE = _____

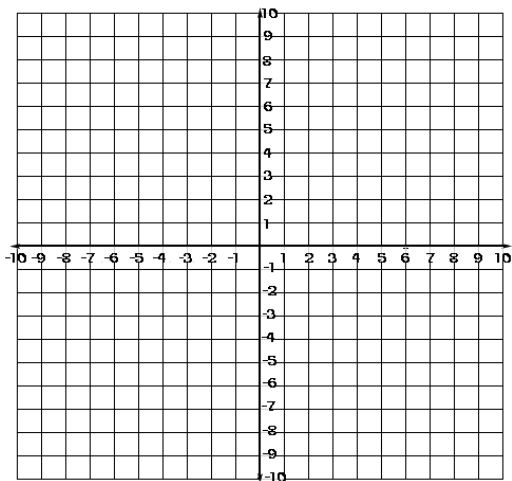
Y-INT = _____

SLOPE = _____

Y-INT = _____

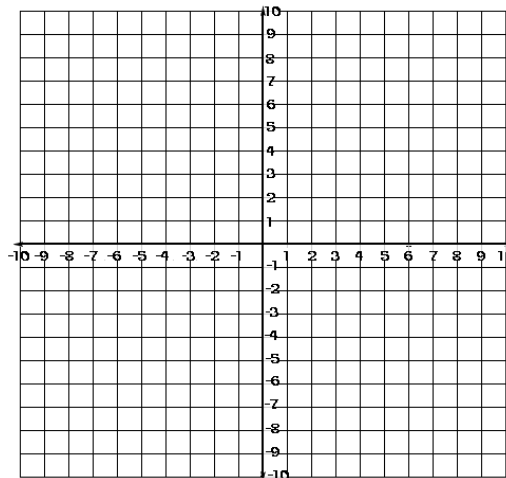
Graph the following equations.

10. $y = 8$



Slope = _____

11. $x = 5$

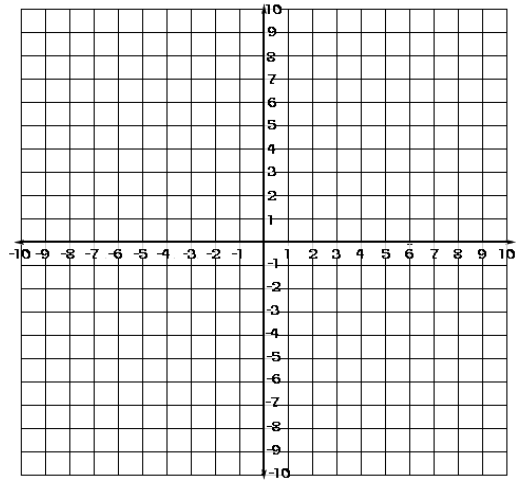
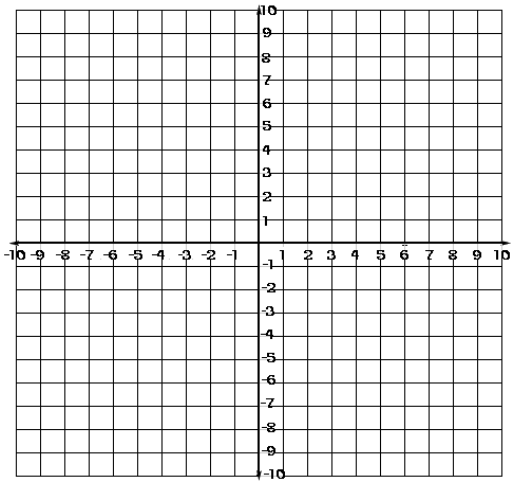


Slope = _____

GRAPH THE FOLLOWING EQUATIONS USING SLOPE AND Y-INTERCEPT.

12. $y = \frac{2}{3}x - 4$

13. $y = -4x + 3$



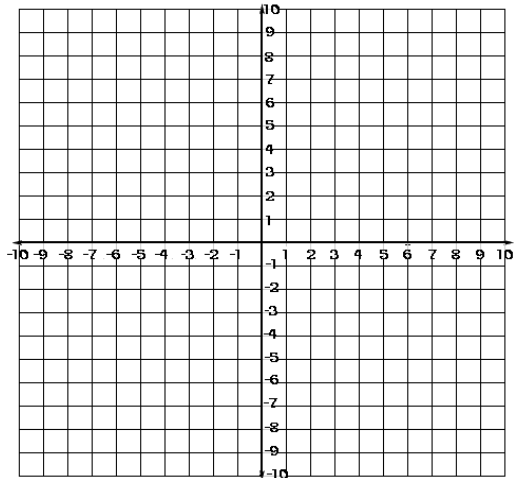
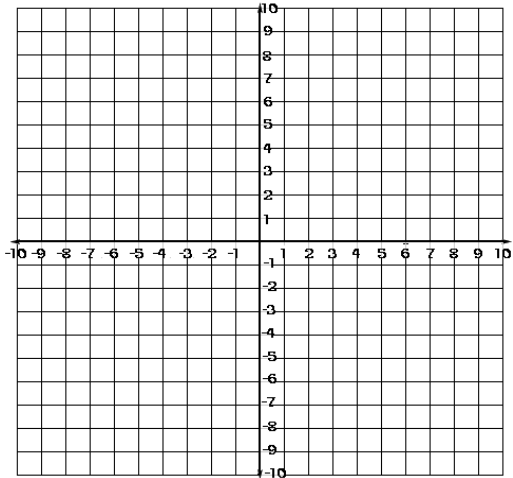
Graph the following equations using the x-intercept and the y-intercept.

14. $-4x + 2y = 16$

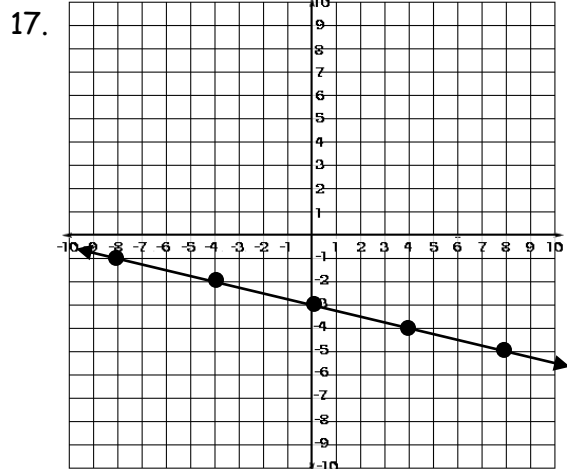
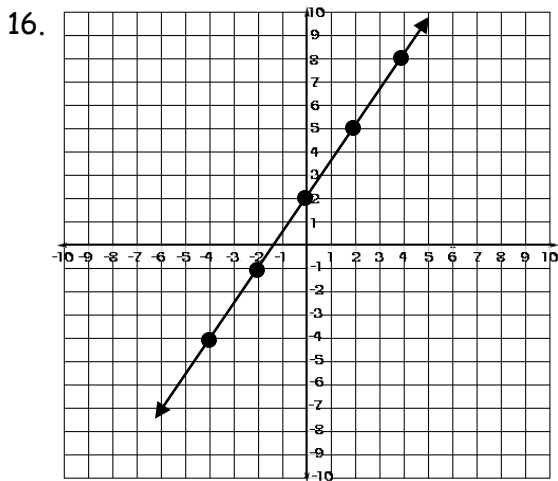
15. $10x - 14y = -70$

x-int= _____ y-int = _____

x-int= _____ y-int = _____



Write the equation of the following line.



EQN: _____

EQN: _____

Write the equation of the following lines given the description of the line.

18. slope = $\frac{2}{3}$ and y-int = 8

19. y-int = 8 and slope = 4

EQN: _____

EQN: _____

20. through point (2, 3) with slope = 4

21. slope = $-\frac{2}{3}$ through point (9, -7)

EQN: _____

EQN: _____

22. through points (7, 5) and (8, 12)

23. through points (8, -7) and (12, 4)

EQN: _____

EQN: _____

Are the following pairs of lines parallel? Explain your answer.

24. $y = \frac{2}{3}x - 4$ and $y = \frac{3}{2}x - 8$

25. $2y = 8x + 5$ and $4x + y = 7$

26. Write three linear equations that will be parallel. Explain how you know these lines are parallel?

