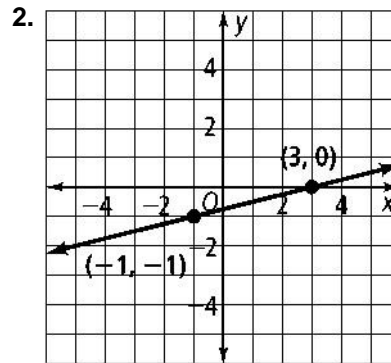
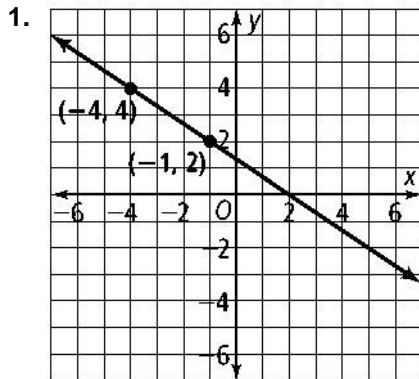


3-7

Equations of Lines in the Coordinate Plane

Find the slope of the line passing through the given points.



3. $(2, 3), (-1, -6)$

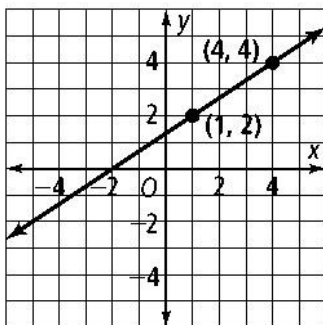
4. $(-6, -2), (-3, -6)$

Use the given information to write an equation for each line.

5. slope 6, y-intercept 4

6. slope $-\frac{1}{3}$, y-intercept 2

11.



7. through $(-2, 0)$ and $(3, 10)$

Write each equation in slope-intercept form.

18. $y - 3 = 4(x + 2)$

19. $y + 1 = \frac{1}{2}(x + 4)$

Graph each pair of lines.

23. $y = -5, x = -2$

