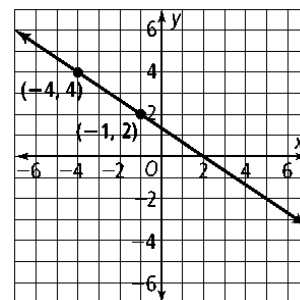**Find the slope of the line passing through the given points.**

1. $(2, -3), (-1, 6)$ 2. $(-6, -2), (-3, -2)$ 3. $(2, 9), (2, -7)$ 4.
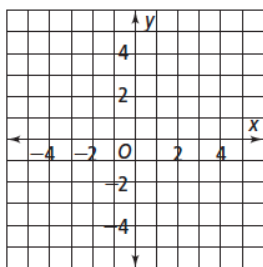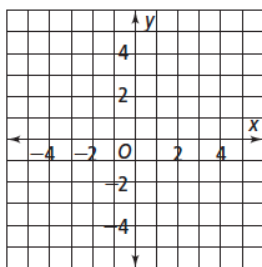
Graph each line.
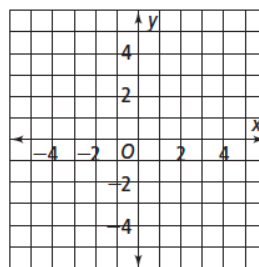
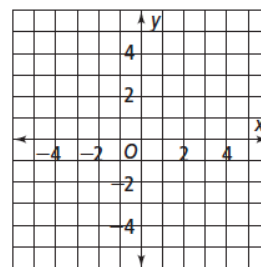5. $y = -\frac{2}{3}x + 4$ 6. $x = 3$ 7. $y = 3$ 8. $y + 2 = \frac{5}{2}(x - 3)$

Use the information to write an equation of each line in slope-intercept form.

9. slope 6, y-intercept 4   10. Slope $-\frac{1}{3}$, passes through $(9, -3)$ 11. Passes through $(-2, 0), (3, 10)$

12. parallel to $y = \frac{1}{5}x + 8$ and through $(3, 6)$ 13. Perpendicular to $y = 4x - 3$ and through $(-6, 5)$
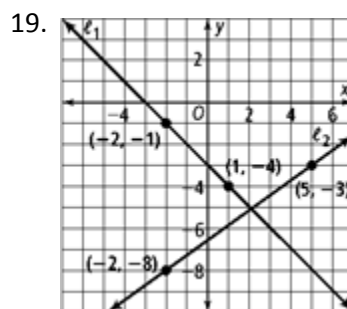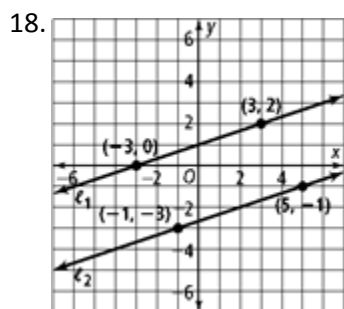
14. Vertical line through $(-6, 15)$

15. Horizontal line through $(-6, 15)$

16. slope 0, y-intercept -3

17. Slope undefined, x-intercept 2

Determine whether the lines are parallel, perpendicular or neither. Justify your answer.

18.

19.

20. $2y = 4x + 15$
    $6y = 12x + 30$

21. $y = -x - 6$
    $y - 3 = -5x + 4$

22. $2y + 5x = 16$
    $5y = 2x + 3$