NAME _____

SOLVE EACH SYSTEM.

11. $x + y = -12$
     $x - y = 4$

12. $3x - 2y = 15$
     $4x + y = 9$

13. $8x + 2y = 2$
     $3x - 4y = -23$

SOLVE EACH SYSTEM OF INEQUALITIES.

14. $x < 5$
     $y \le x + 2$

15. $x - y > 1$
     $y < -\underline{x} + 2$
     $\qquad\quad 4$

SOLVE EACH SYSTEM.

16. $3x - y + 2z = 1$
     $-2x = -4$
     $x + 3y = 11$

17. $x + 2y - z = -7$
     $3x - 3y + z = 13$
     $2x + 5y + 2z = 0$

18. $4x + 6y - 3z = 20$
     $x - 5y + z = -15$
     $-7x + y + 2z = 1$

Write an equation in SLOPE-INTERCEPT FORM for each graph described.

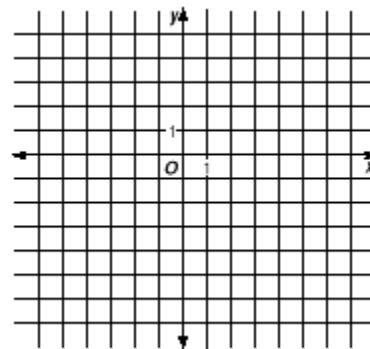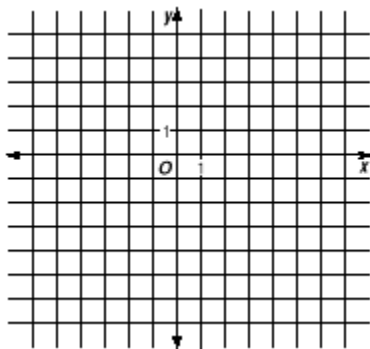19. $m = -2$, y-intercept = -5

20. slope = -3, passes through (4, -2)

21. passes through (0, 2) and (3, -7)

22. passes through (3, 0) and parallel to $y = 1 - 7x$

Graph each equation or inequality.

23. $y = \frac{1}{4}x - 3$

24. $2y = 8x + 4$

25. $y > 1 - 2x$

26. $y \le \frac{1}{2}x + 5$