

Algebra 1

Name _____

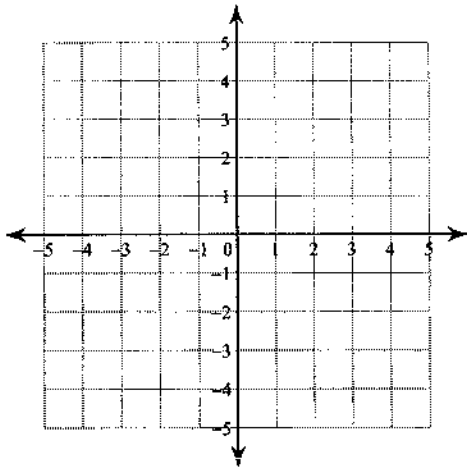
Assignment

Date _____ Period _____

Solve each system by graphing.

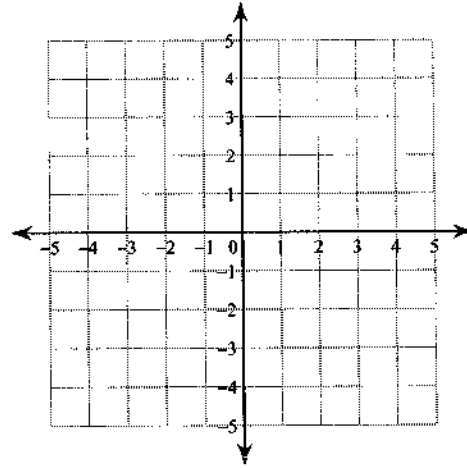
1) $y = -\frac{1}{2}x + 4$

$y = \frac{5}{2}x - 2$



2) $y = \frac{5}{3}x - 3$

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

**Solve each system by elimination.**

3) $-3x + 5y = -6$
 $-9x - 5y = -18$

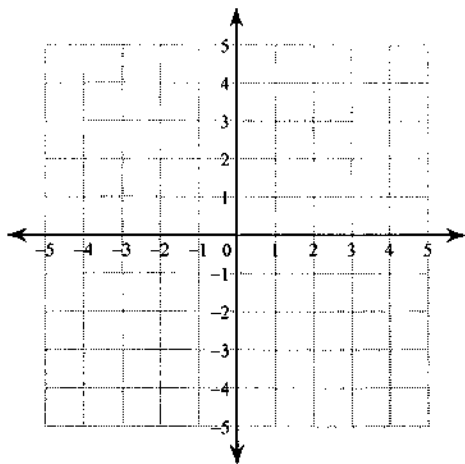
4) $2x + 5y = 3$
 $5x + 5y = -15$

5) $x - 2y = -11$
 $8x + 4y = -28$

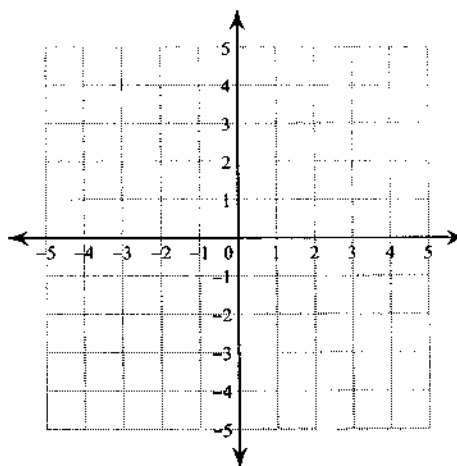
6) $3x + 6y = 6$
 $-9x + 12y = 12$

Solve each system by graphing.

7) $y = -4x - 3$
 $y = 2x + 3$



8) $y = -\frac{1}{4}x - 4$
 $y = x + 1$



Solve each system by elimination.

9) $-4x + 9y = 28$
 $4x - 9y = -28$

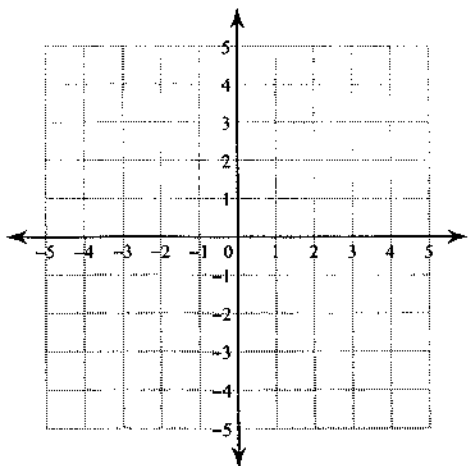
10) $-10x + 4y = -16$
 $-10x + 4y = -10$

11) $2x - 4y = -6$
 $-x - 2y = -13$

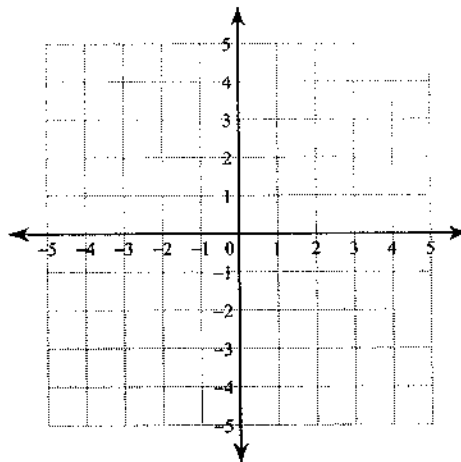
12) $-6x + 10y = 20$
 $3x - 5y = -8$

Solve each system by graphing.

13) $y = -\frac{1}{4}x - 3$
 $y = x + 2$



14) $y = x + 3$
 $y = 8x - 4$



Solve each system by elimination.

15) $5x - 2y = -4$
 $-5x + 5y = 10$

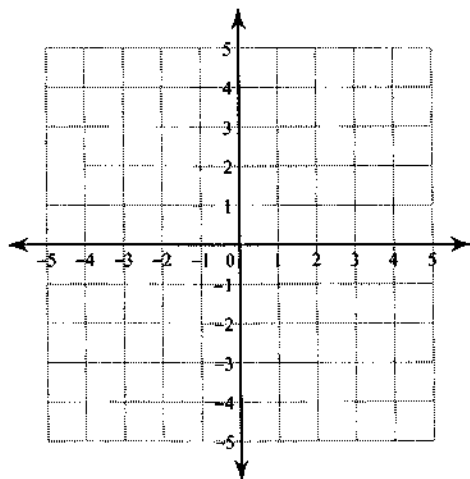
16) $2x + 3y = 4$
 $2x + 8y = 24$

17) $4x + y = -6$
 $6x - 2y = -16$

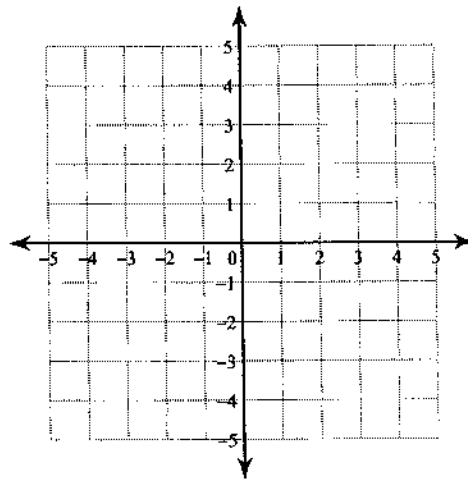
18) $-10x + 15y = 0$
 $-6x + 5y = -8$

Solve each system by graphing.

19) $y = -2x - 3$
 $y = x + 3$



20) $y = 3x - 1$
 $y = 3x + 3$



Solve each system by elimination.

21) $-6x + 5y = -4$
 $5x - 5y = 10$

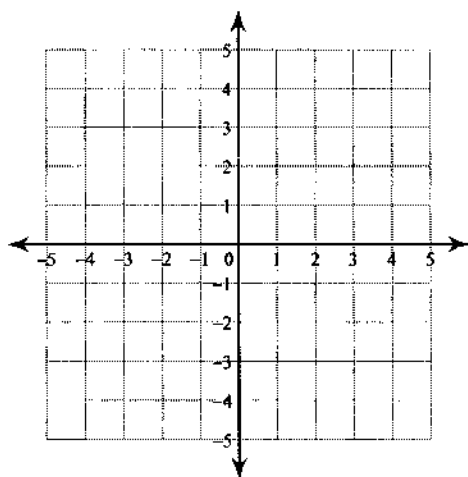
22) $-2x - y = -16$
 $6x - y = 16$

23) $4x - 8y = -8$
 $3x - 2y = -22$

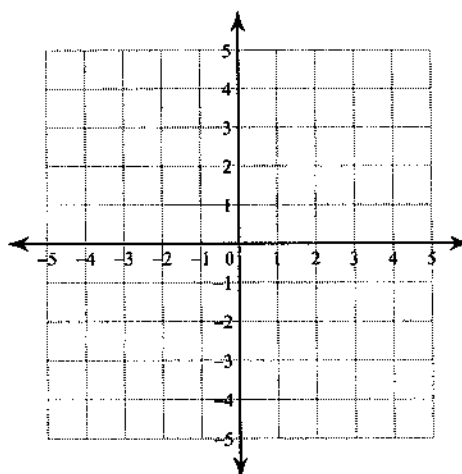
24) $-10x - 10y = 10$
 $-2x + y = -22$

Solve each system by graphing.

25) $y = -\frac{1}{2}x + 1$
 $y = \frac{1}{4}x - 2$



26) $y = -2x - 4$
 $y = -2x - 1$



Solve each system by elimination.

27) $4x - 4y = -20$
 $-4x + y = 5$

28) $4x - y = -7$
 $-3x - y = 0$

29) $-x - 3y = -23$
 $10x - y = 13$

30) $6x + 6y = 12$
 $-12x + 7y = -5$