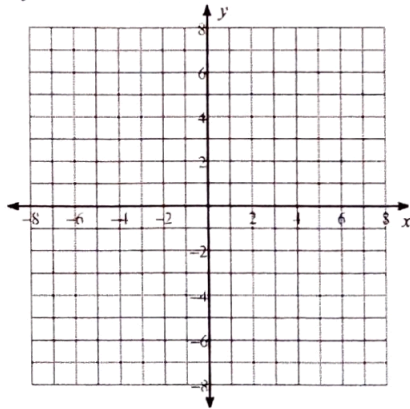


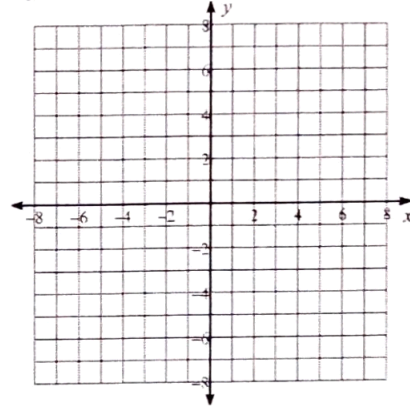
Quiz Review

Solve by graphing.

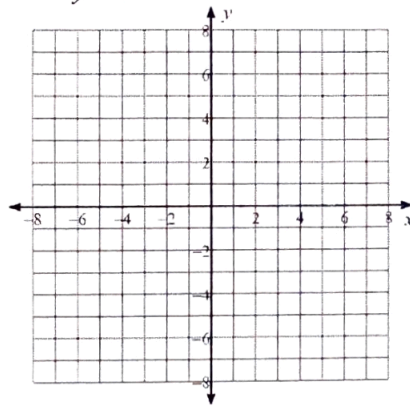
1) $y = 3x + 1$
 $2y = 6x - 8$



2) $y = x - 2$
 $3y = -x + 6$



3) $4y = 2x - 12$
 $x - 2y = 6$



Solve by elimination. NO CALCULATOR.

4) $2x + 2y = 4$
 $x + y = 2$

5) $-3x + y = 1$
 $2y = 6x - 8$

6) $x + y = 4$
 $x - y = 8$

Solve by elimination. Calculator allowed.

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

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

8) $2x + 3y = 10$
 $5x + 3y = 7$

9) $x = 4y + 11$
 $5x - 7y = -10$

Determine the type of lines and how many solutions.

10) $x = 7y$
 $8y = -3x - 29$

Type of lines: _____

of solutions: _____

11) $-3y = -2x + 1$
 $3y = 3x + 1$

Type of lines: _____

of solutions: _____

12) $y = 3x - 7$
 $-y = -3x + 7$

Type of lines: _____

of solutions: _____

13) What are two methods to solve systems of equations?

Answer the following.

14) What type of lines have the same slope and same y-intercept?

15) What type of lines have the same slope and different y-intercept?

16) What type of lines have different slopes?

17) How many solutions do intersecting lines have? _____

18) How many solutions do parallel lines have? _____

19) How many solutions does the same line have? _____

Quiz Review Part II

Date _____ Period _____

Solve each system by elimination. (calculator allowed)

1) $3x - 4y = -18$
 $-3x + 4y = 18$

2) $-8x + 3y = -26$
 $-6x - 3y = 12$

3) $-3x + 7y = -14$
 $-3x + 7y = -15$

4) $-3x + 8y = -5$
 $-3x - 2y = -25$

5) $8x + 16y = -24$
 $-9x - 8y = 27$

6) $12x + 14y = -22$
 $6x + 7y = -11$

7) $-6x + 18y = 9$
 $4x - 12y = -8$

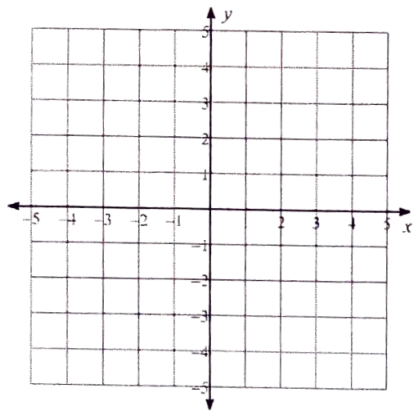
8) $10x + 6y = 24$
 $-8x - 4y = -20$

9) $-9x - 13 - y = 0$
 $7 = -y - 3x$

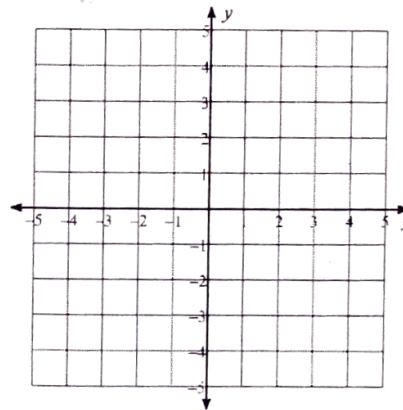
10) $3x + 19 = 5y$
 $-13 = -3x + y$

Solve each system by graphing.

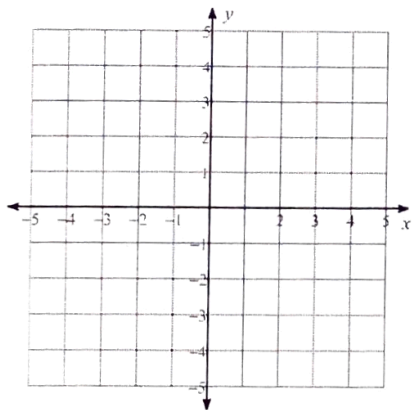
11) $x + 2y = -8$
 $7x - 2y = -8$



12) $7x + 4y = 16$
 $7x + 4y = 4$



13) $y = 3x - 1$
 $y = -4$



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

