CHAPTER 15 BOARD PROBLEMS

SOLVE BY SUBSTITUTION (X,Y)

①
$$y = 5x - 7$$

-3x -2y = -12

Ch. 15 NOTES - SOLVE W/ELIMINATION

GOAL: ____

$$3) \quad y = -x - 3$$

$$y = 2x + 3$$

Ch. 15 - NOTES

$$4 - 4x - 2y = -12$$

$$4x + 8y = -24$$

$$6) 5x + y = 9$$

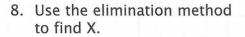
$$10x - 7y = -18$$

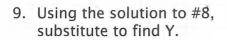
$$7 -7x - 8y = 9$$

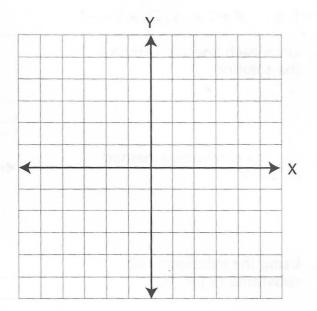
-4x +9y = -22

For #7-9
$$X - Y = 5$$
, $2X + Y = 7$

7. Draw each line and estimate the solution.







For #10
$$4X + Y = 6$$
, $2X + 3Y = 18$

10. Use the elimination method to solve the equations.

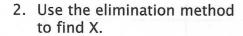
LESSON PRACTICE

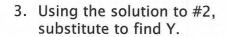
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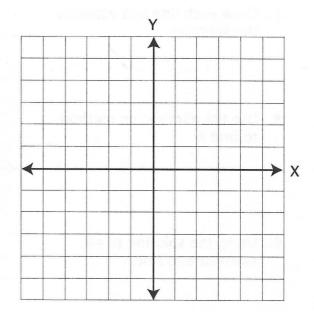
Follow the directions for each set of equations.

For #1-3
$$X + Y = -1$$
, $2X + Y = -4$

1. Draw each line and estimate the solution.







For #4-6
$$X + Y = -2$$
, $3X - Y = -2$

- 4. Draw each line and estimate the solution.
- 5. Use the elimination method to find X.
- 6. Using the solution to #5, substitute to find Y.

