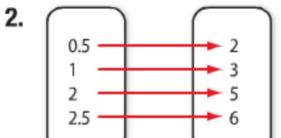
Algebra 2 Review for Ch.2 test (Tues.)

State the domain and range of each relation. Then determine whether each relation is a function. If it is a function, determine if it is one-to-one, (Lesson 2-1)

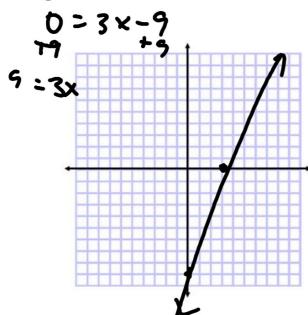
| 1. | х | у |
|---------------------------------------|--------|------|
| no | -2 | 4 |
| fund | -1 | 1 |
| | 2 | 4 |
| | 2 | 6 |
| $\boldsymbol{v} \cdot \boldsymbol{v}$ | 2 -1 7 | 0.10 |

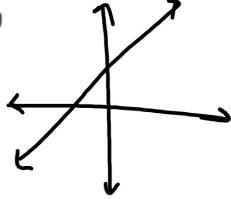


Find the x-intercept and y-intercept of the graph of each equation. Then graph the equation using the intercepts. (Lesson 2-2) (0, 5) (-2, 0)

3.
$$\bigcirc = 3x - 9$$

4.
$$2y - 5x = 10$$





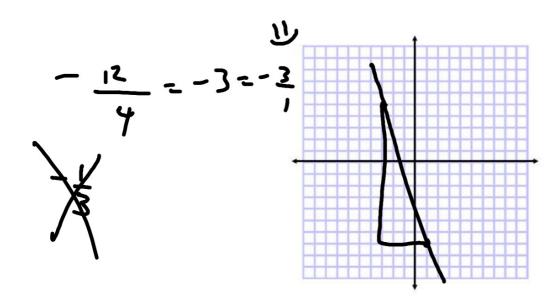
- REPAIR An auto mechanic charges an initial fee of \$25 plus an hourly fee of \$35. (Lesson 2-2)
 - a. Write an equation to represent the situation. 3 = 35x + 35
 - **b.** How much did it cost Stacy if the mechanic fixed her car in 3.5 hours?

\$147.50

\$165

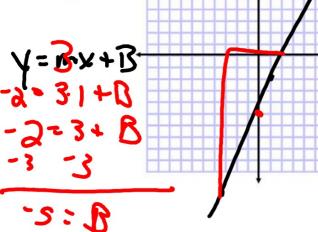
(Does she have to pay for the entire hour?)

Find the slope of the line that passes through each pair of points. (Lesson 2-3)



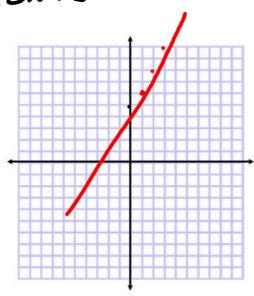
Write an equation of the line passing through each pair of points. (Lexon 2-4)

$$\frac{12}{4} = 3$$



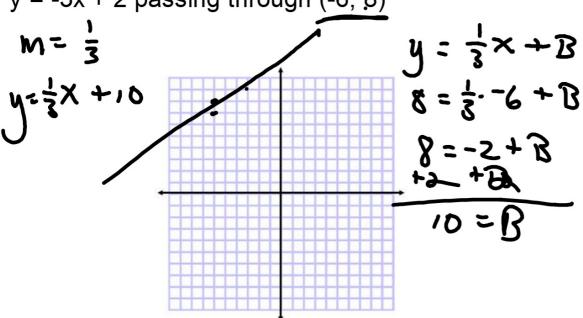
Write the equation of a line parallel to y = 2x + 3 passing through (1,7).

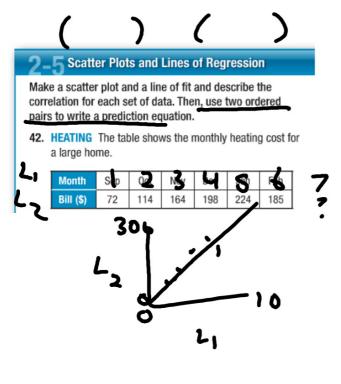
y=2x+5

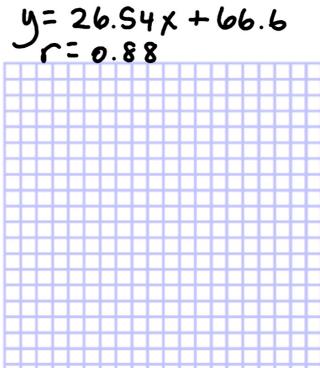


y=mx+B 7=2.1+B 7=2+B 2=2 3=5 Write the equation of a line perpendicular to

y = -3x + 2 passing through (-6, 8)







PT p. 127 1-20 due before SGR p. 128 44-60e due Tues