BOARD PROBLEMS Ch. 6

① PLOT ON A NUMBER LINE:

a) $x \geq -3$

b) $0 \leq x \leq 10$

c) $x < -2$

② SOLVE

$$-1.2H + .9 = -.6$$

③ $$\frac{2}{3}x + \frac{1}{8} = 1\frac{5}{12}$$

④ $$(11-4)^2 \div 7 - |3-9| = 14(R+3R-2R+1)$$

NOTES Ch. 6

WHY DO WE LEARN MATH?

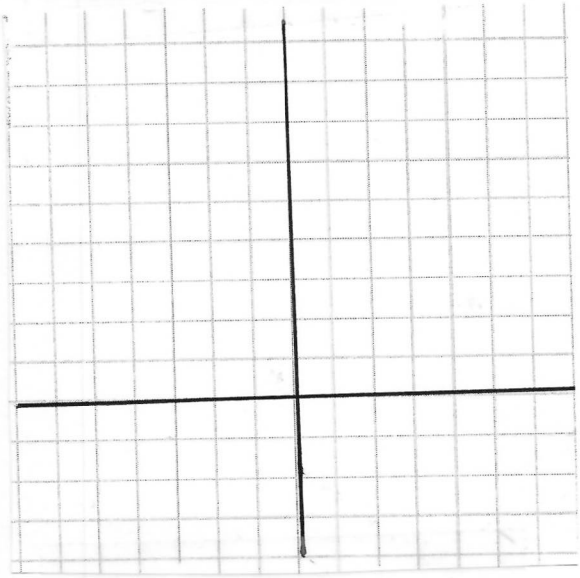
WHO LIKES TO BAKE?

TASHI THE BAKER HAS 1 LOAF OF BREAD LEFT FROM YESTERDAY, SHE CAN BAKE 2 LOAVES PER HOUR,

MAKE A T-CHART

HOURS (x)	LOAVES (y)

GRAPH



CALCULATE EQUATIONS

LOAVES = ___ · ___ + ___

Y = ___ · ___ + ___

NOTES CH. 6

VERA OWES HER DAD $3. SHE MAKES $1 EVERYIME SHE SELLS AN NFT.

T-CHART

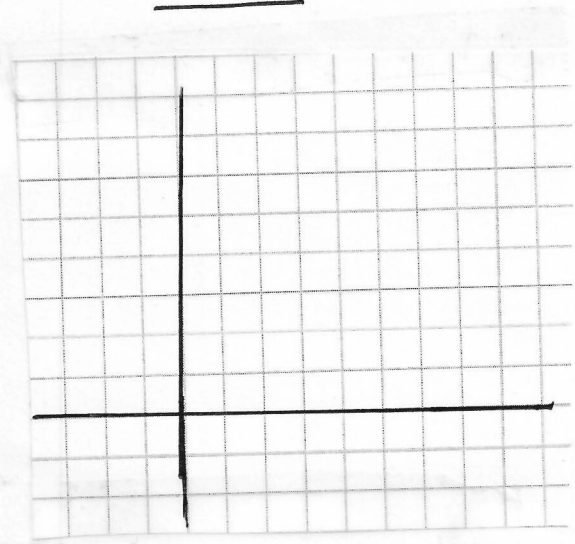
NFTs SOLD (X)	$ (Y)

EQUATIONS

$\$ = \_ \cdot \_ + \_$

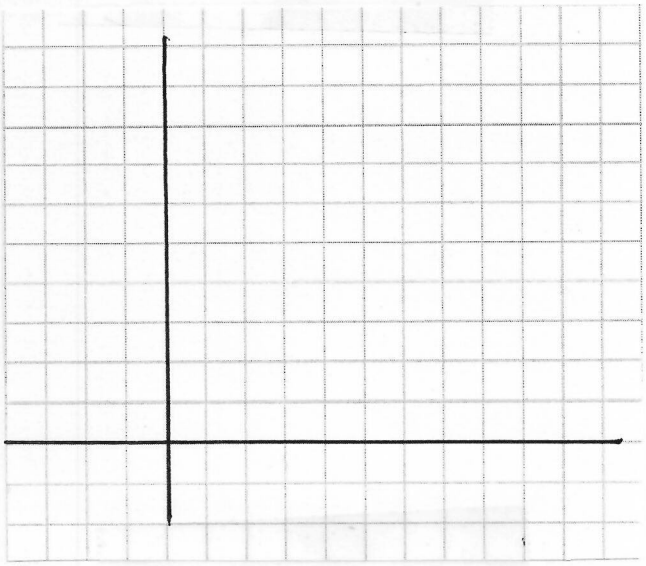
$Y = \_ \cdot \_ + \_$

GRAPH



THERE ARE 4 LOBSTERS. EVERY TIME THE TRAP IS CHECKED, 3 MORE ARE FOUND.

GRAPH



T-chart

CHECKED (X)	LOBSTERS (Y)

EQUATIONS

$Y =$

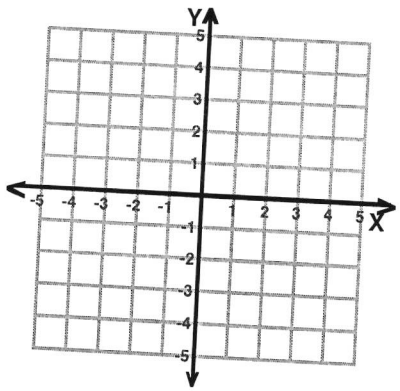
Systematic Review

Special Cases

$x =$

$y =$

)



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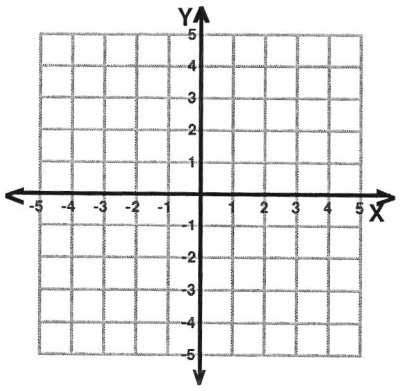


Convert to a decimal

Round to the hundredths place.

$\frac{2}{7} =$

$\frac{4}{9} =$

$\frac{7}{8} =$

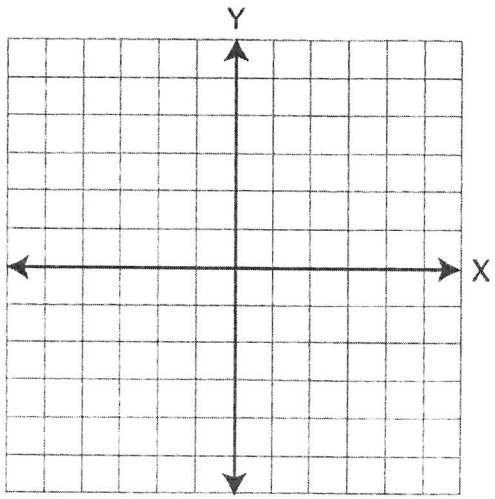
LESSON PRACTICE

Follow the directions for each graph.

1. Bud's Bakery had two loaves of bread in stock. Bud can bake three loaves of bread every hour. Fill in the blanks.

Hours	Loaves
____	____
____	____
____	____
____	____

2. Plot the points and connect them.

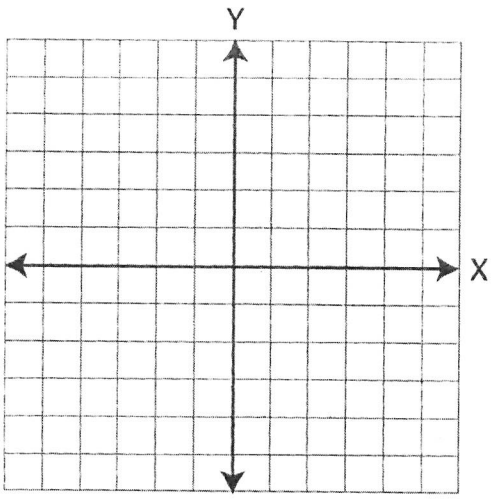


3. Write an equation for the line.

4. Fred's Sporting Goods had three back orders for stringing tennis rackets. Fred could string two rackets each hour. Fill in the blanks.

Hours	Rackets
____	____
____	____
____	____
____	____

5. Plot the points and connect them.

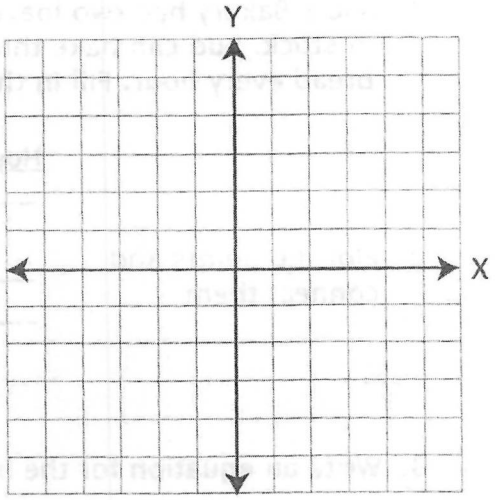


6. Write an equation for the line.

7. Bill had one steak barbecued for the picnic. As the guests arrived, Bill began to barbecue four steaks each hour. Fill in the blanks.

Hours	Steaks
____	____
____	____
____	____
____	____

8. Plot the points and connect them.

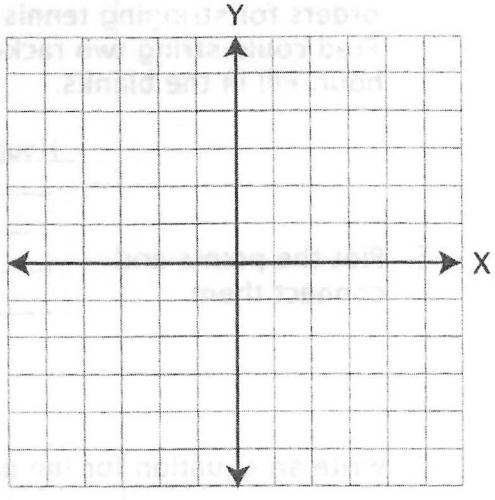


9. Write an equation for the line.

10. Y = 2X - 1. Using this information, fill in the table.

X	Y
____	____
____	____
____	____
____	____

11. Plot the points and connect them.



12. Write a word problem that fits the graph.