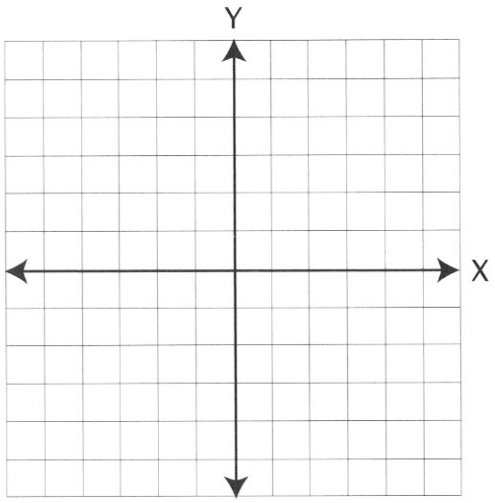
LESSON PRACTICE

Follow the directions for each graph.

1. The bulb was planted six cm deep. It grew two cm a week. Fill in the blanks.

Weeks	cm

2. Plot the points and connect them.

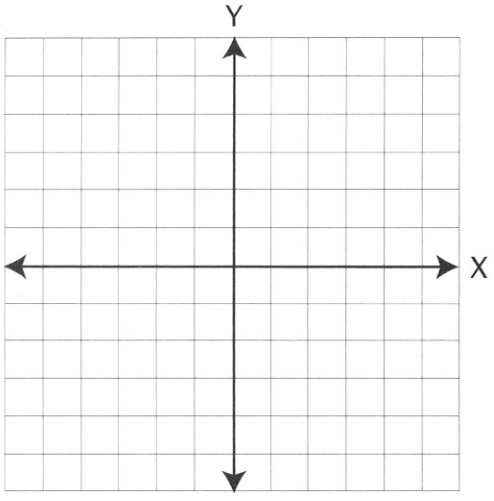


3. Write an equation for the line.

4. In the fishing contest, Bill was five fish behind his opponent. During the final part of the contest, Bill caught three fish per hour and his opponent caught none. Fill in the blanks.

Hours	Fish

5. Plot the points and connect them.



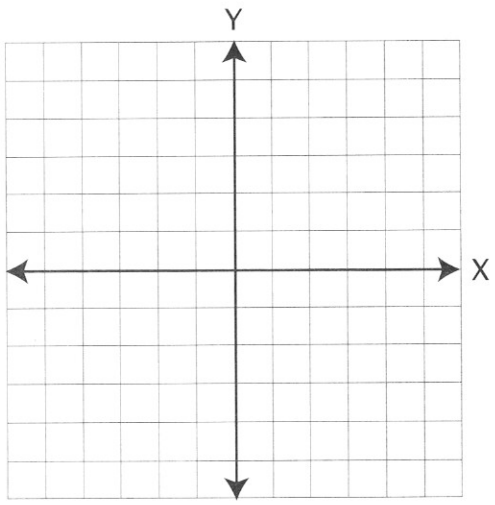
6. Write an equation for the line.

7. When we arrived at the race, Lori was five meters behind her opponent. Then she gained two meters every second thereafter.

   Fill in the blanks.

Seconds	Meters
____	____
____	____
____	____
____	____

8. Plot the points and connect them.

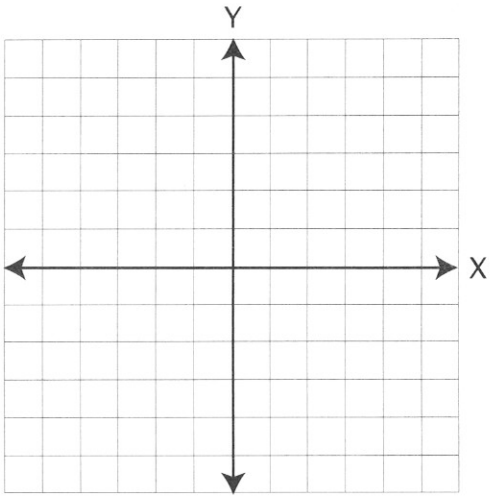


9. Write an equation for the line.

10. Y = 3X - 4. Use this information, to fill in the table.

X	Y
____	____
____	____
____	____
____	____

11. Plot the points and connect them.



12. Write a word problem that fits the graph.

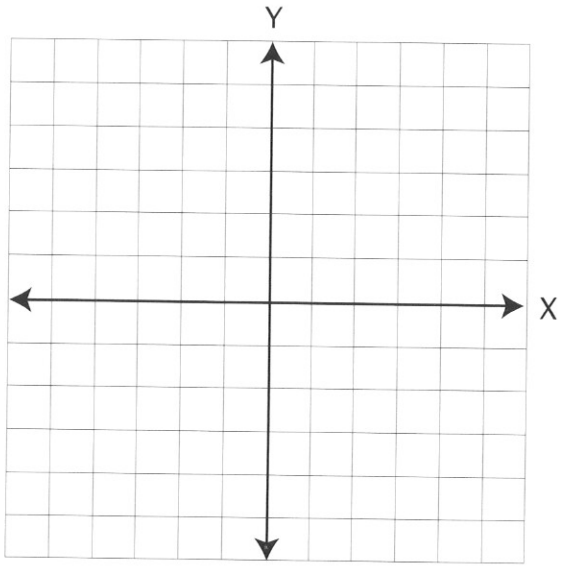
Follow the directions for each graph.

1. During class I didn't get any homework finished. That evening I was able to do three pages per hour. Fill in the first table below the graph.

2. Plot these points and connect them.

3. Write an equation for the line.

   (Pages = ___ per Hour + ___ in class)



4. While the customers were coming in, I cooked three eggs. After that I cooked two eggs per customer. Fill in the second table.

5. Plot these points and connect them.

Hours	Pages
0	0
1	3
____	____
____	____

Cust.	Eggs
0	3
1	5
____	____
____	____

6. Write an equation for the line.

7. Plot the point (-6, 4) and tell in which quadrant it is contained.

8. Plot the point (6, -3) and tell in which quadrant it is contained.

9. Draw a line where X = 4.

10. Draw a line where X = -1.

Simplify and solve for the unknown.

11. $-6(Y - 5 + 9) + 7(2Y + 9) = -1$

12. $3X + 3 - X - 8 + 5X + 12 = 4X - 12 - 6X + 10$

13. $-5R + |\, 9^2 - 3^2 \,| + 13 = 7R + 5R$

14. $[\, 8 - (-2) \,]^2 = 10X$

15. $\frac{Y}{2A} - \frac{4}{A} = \frac{1}{2A}$ if $A \neq 0$

16. $2\frac{3}{5}D - \frac{3}{8}D = 4\frac{7}{10}$

17. Write $\frac{11}{12}$ as a decimal.

18. Use GCF to simplify and solve for B.
$X^2Y - 4X^2Y + BX^2Y = 0 \qquad (X^2Y \neq 0)$

19. A number squared divided by three times two minus ten.
A. $(N \div 3)^2 \times 2 - 10$ or B. $N^2 \div 3 \times 2 - 10$

20. Distribute: $A(A - B + 2AB) =$