

1) weeks centimeters

0	-6
1	-4
2	-2
3	0

2) on the graph

3) $C = 2W - 6$

4) hours fish

0	-5
1	-2
2	1
3	4

5) on the graph

6) $F = 3H - 5$

7) seconds meters

0	-5
1	-3
2	-1
3	1

8) on the graph

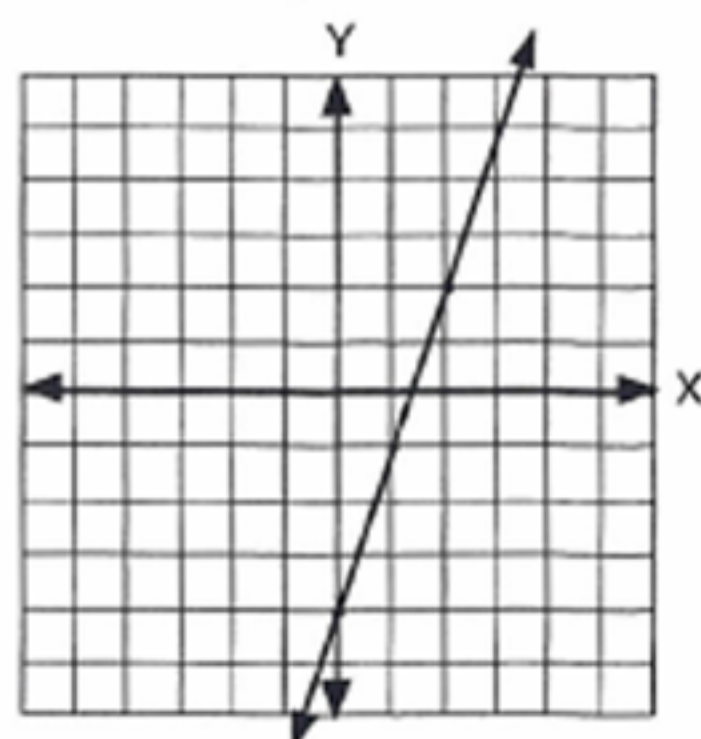
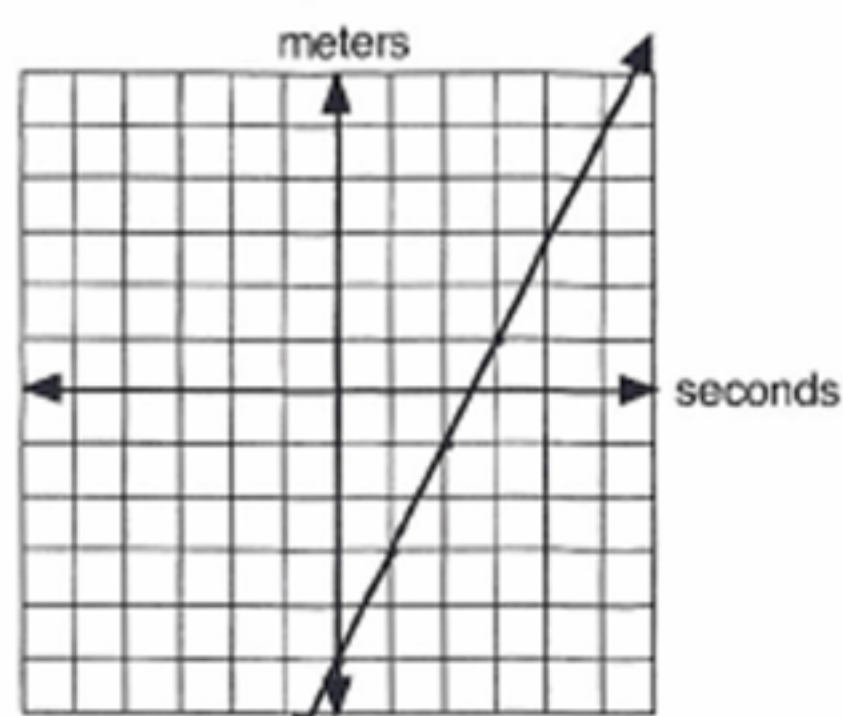
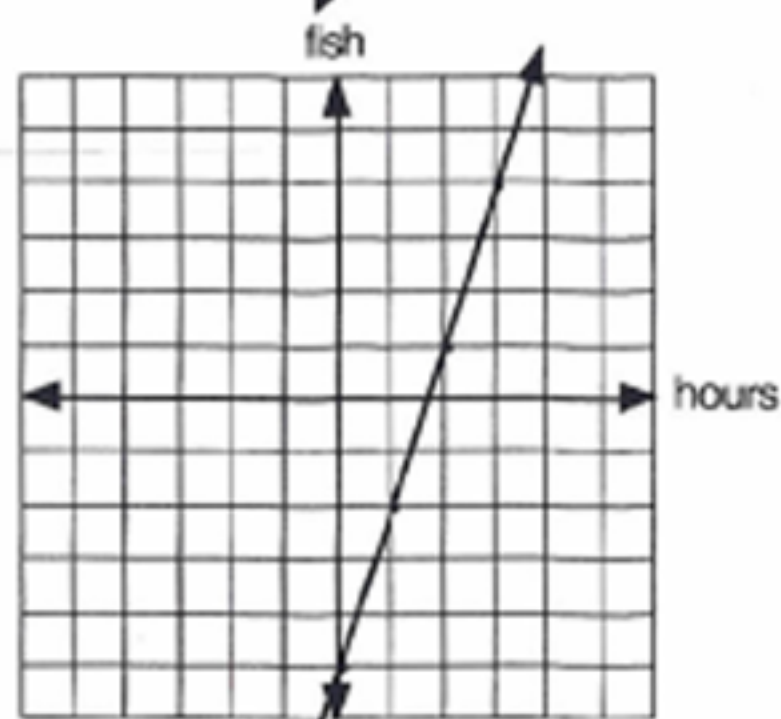
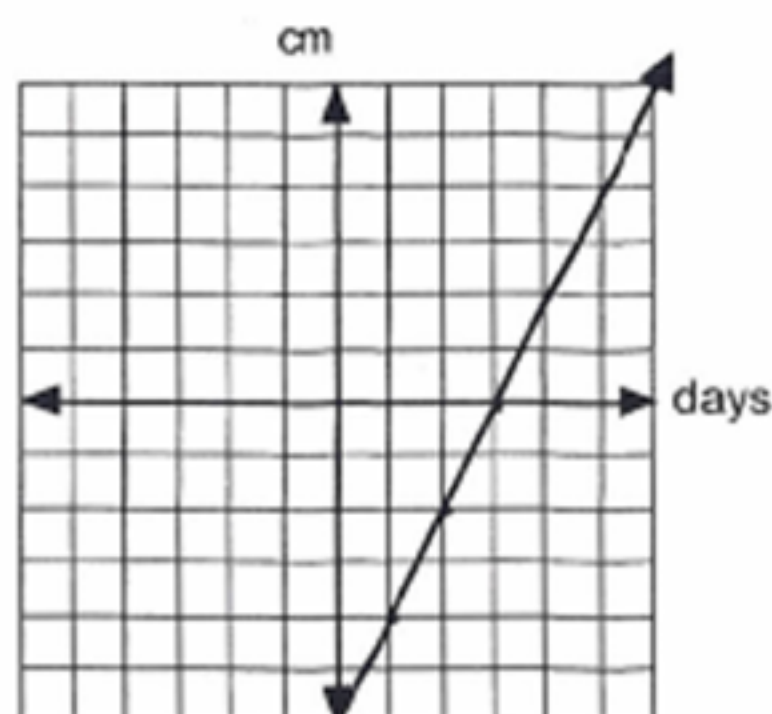
9) $M = 2S - 5$

10) X Y

0	-4
1	-1
2	2
3	5

11) on the graph

12) Answers will vary. Your problem should start with a negative amount.



1) hours pages

0	0
1	3
2	6
3	9

2) on the graph

3) 3, 0 $P = 3H$

4) customer eggs

0	3
1	5
2	7
3	9

5) on the graph

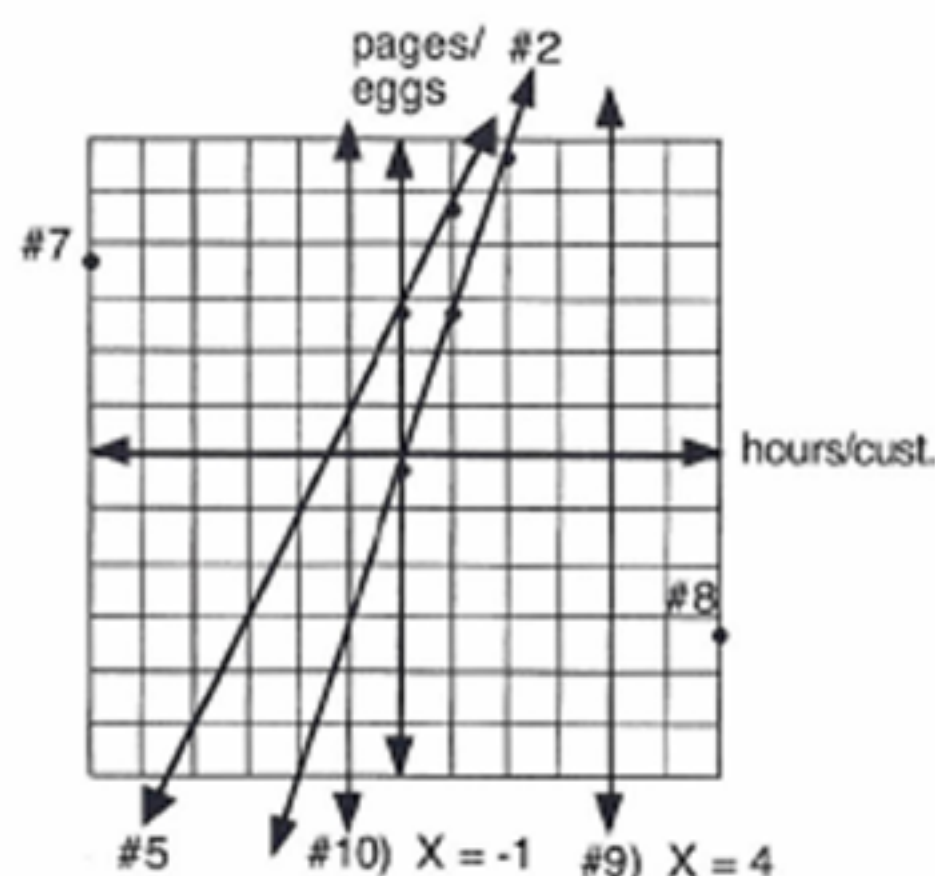
6) $E = 2C + 3$

7) quadrant 2

8) quadrant 4

9) on the graph

10) on the graph



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

$$-6(Y + 4) + 14Y + 63 = -1$$

$$8Y + 39 = -1, \quad 8Y = -40, \quad Y = -5$$

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

$$7X + 7 = -2X - 2$$

$$9X = -9, \quad X = -1$$

$$13) -5R + |9^2 - 3^2| + 13 = 7R + 5R$$

$$-5R + |81 - 9| + 13 = 12R$$

$$-5R + 72 + 13 = 12R$$

$$-5R + 85 = 12R$$

$$85 = 17R, \quad 5 = R$$

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

$$[8 + 2]^2 = 10X$$

$$10^2 = 10X, \quad 100 = 10X, \quad 10 = X$$

$$15) \frac{1}{(2A)} \frac{Y}{2A} - \frac{(2A)}{(2A)} \frac{4}{A} = \frac{1}{(2A)} \frac{1}{2A}$$

$$Y - 8 = 1, \quad Y = 9$$

$$16) \frac{8}{(40)} \frac{13}{8} D - \frac{5}{(40)} \frac{3}{8} D = \frac{4}{(40)} \frac{47}{10}$$

$$104D - 15D = 188, \quad D = 2 \frac{10}{89}$$

$$17) \begin{array}{r} .9166 \text{ so } .91\bar{6} \\ 12 \overline{) 11.0000} \\ \underline{108} \\ 20 \\ \underline{12} \\ 80 \\ \underline{72} \\ 80 \end{array}$$

$$18) X^2Y - 4X^2Y + BX^2Y = 0$$

$$X^2Y(1 - 4 + B) = X^2Y(0)$$

$$-3 + B = 0, \quad B = 3$$

19) B

$$20) A(A - B + 2AB) =$$

$$A^2 - AB + 2A^2B$$