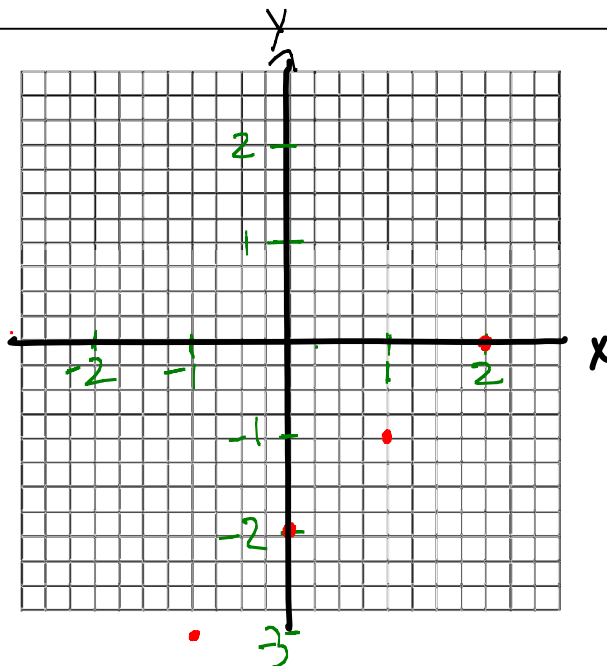


$$y = x - 2$$

X	Y
-1	-3
0	-2
1	-1
2	0



$$\begin{aligned} y &= -1 - 2 \\ y &= -3 \\ y &= 0 - 2 \\ y &= -2 \end{aligned}$$

$$\begin{aligned} y &= 1 - 2 \\ y &= -1 \\ y &= 2 - 2 \\ y &= 0 \end{aligned}$$

You can buy work gloves from The Fix It Store's web site according to the formula

$C = 5g + 2$ where C is the cost in dollars and g is the number of pairs of gloves.

a) Make a table to show the number of pairs of gloves purchased in relation to the total cost. Use five values for g .

b) Graph the ordered pairs (1, 7) (2, 12) (3, 17) (4, 22) (5, 27)

c) Does the relation appear linear? Why?

YES. Graph straight line. Same Δ of y for Δ of x .

d) Are there other points possible between the ones on the graph? Explain.

NO. Because you can't part of a glove.

e) What might 2 represent in the formula?

How much gloves cost

g	C
1	7
2	12
3	17
4	22
5	27

$$C = 5g + 2$$

$$C = 5(1) + 2$$

$$C = 5 + 2$$

$$C = 7$$

$$C = 5(5) + 2$$

$$C = 25 + 2$$

$$C = 27$$

$$C = 5(3) + 2$$

$$C = 15 + 2$$

$$C = 17$$

$$C = 5(4) + 2$$

$$C = 20 + 2$$

$$C = 22$$

$$C = 5(2) + 2$$

$$C = 10 + 2$$

$$C = 12$$

