

a) Find an equation for the number of flowers (F) related to the number of weeks (w).

Using the graph, we need to find:



Write the equation:

b) Check your equation (choose a point on the graph) (3 35)

$$F = 10 \circ 3 + 5 = 30 + 5$$

= 35 \sim
c) Predict the number of flowers after 12-weeks



Write the equation: Slope > -2 yint = 4

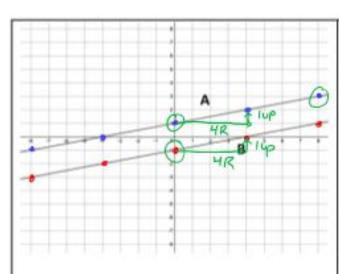
Check your equation:
$$(3,-2)$$

 $y=-2(3)+4=-6+4=-2$

Check your equation: (6,6)

$$y = \frac{4}{3} \cdot \frac{6}{1} - 2 = \frac{24}{3} \cdot 2$$

$$= 8 - 2 = 6$$



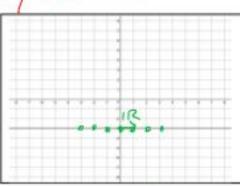
A: Write the equation $Slope = \frac{lop}{4R} = \frac{1}{4R}$

A: Check the equation (8,3)

 $y = \frac{1}{4} \cdot \frac{8}{4} + 1$ = 2 + 1 = 3 = 2 + 1 = 3Stope = $\frac{19P}{4R} = \frac{1}{4}$ yint = -1

B: Check the equation (-4, -2)

We call these 2 lines Para 1e, which means they have the same 50pe but different



Slope = $\frac{6 \omega \rho}{1.8}$ y-intercept = $\frac{-3}{1}$

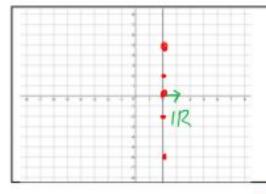
Write the equation:

$$y = 0x - 3$$

$$y = 3$$

Flat lines are called hari zontal lines. They have the same y value everywhere!

All how Zonta lines have a slope of 6.



none

Write the equation:

(X = 3) x 1s always 2

Straight up and down lines are called Vertical lines. They have the same x value everywhere!

lines do not have a Slope or a y-int