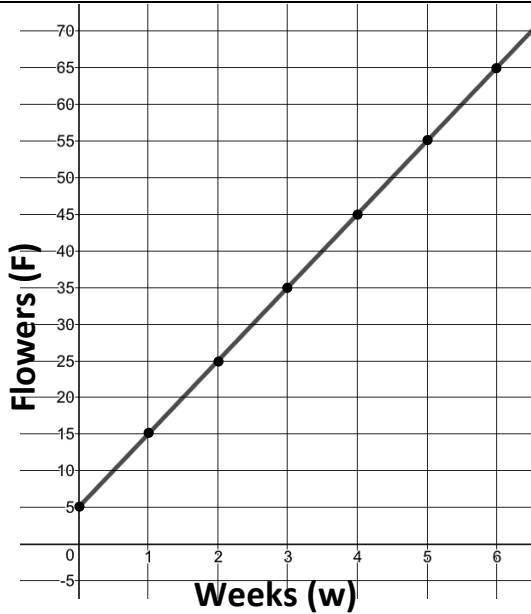


Interpreting Linear Graphs

Mr. G is keeping track of how many flowers bloom in his garden. His data is below, with number of flowers (F) and the number of weeks (w). He wants to find an equation so he can predict how many flowers he will have!



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

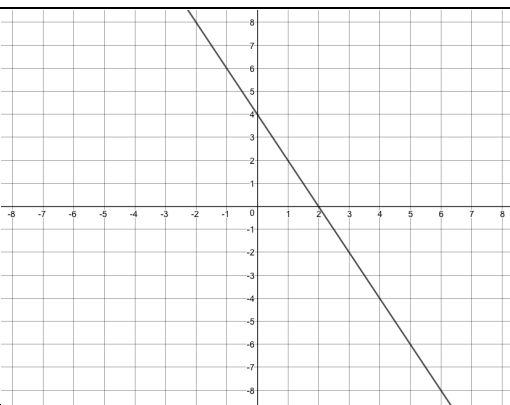
Using the graph, we need to find:

Slope = _____ **y-intercept** = _____

Write the equation:

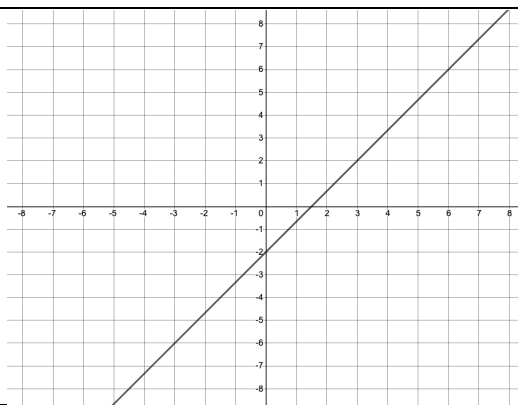
b) Check your equation (*choose a point on the graph*) (,)

c) Predict the number of flowers after 12 weeks



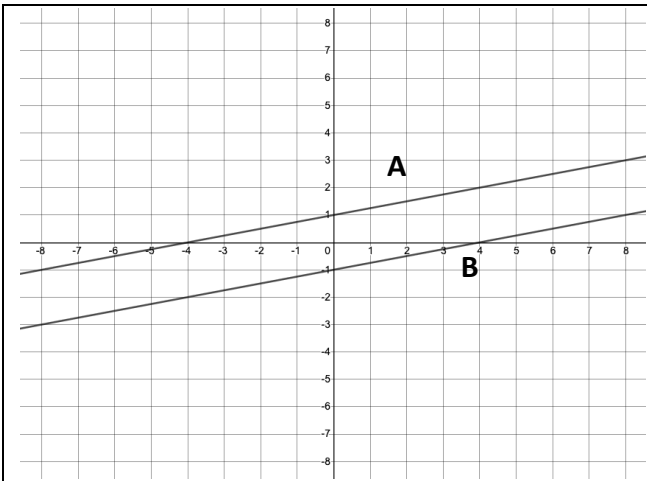
Write the equation:

Check your equation: (,)



Write the equation:

Check your equation: (,)



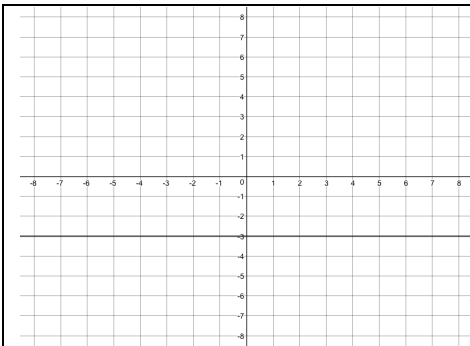
A: Write the equation

A: Check the equation (,)

B: Write the equation

B: Check the equation (,)

We call these 2 lines _____, which means they have the same _____ but different _____.

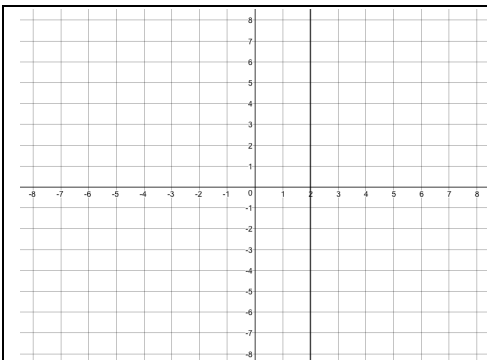


Slope = _____ **y-intercept** = _____

Write the equation:

Flat lines are called _____ lines. They have the same _____ value everywhere!

All _____ lines have a slope of _____.



Slope = _____ **y-intercept** = _____

Write the equation:

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

All _____ lines do not have a _____ or a _____.

Homework: 4.2 #9 (abcde) 4.3 #1 (all), 2(right) 3 (all), 4-5 (right)