If three chickens can lay three eggs in three hours, how many eggs can six chickens lay in six hours?

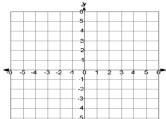
Mini-Lesson:

First, let's review how to graph a line in slope-intercept form:

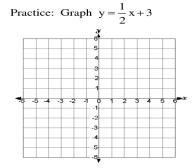
Ex: graph $y = \frac{2}{3}x + 1$

Slope:

y-intercept:



-8



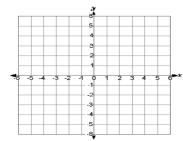
← Step 1: Identify the slope and y-intercept

← Step 2: Put the first point at the y-Intercept

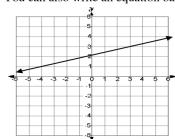
← Step 3: Use slope = $\frac{\text{rise}}{\text{run}}$ get the second point

← Step 4: Repeat step 3 as necessary and connect the dots

graph
$$y = -\frac{3}{2}x + 4$$



You can also write an equation based on a graph:



The general form is y = mx + b where m is the slope and b is the y-intercept.

Based on the picture, we can identify that the y-intercept is 2.

We can count points to find that the slope is $\frac{1}{3}$

The equation of the line is: