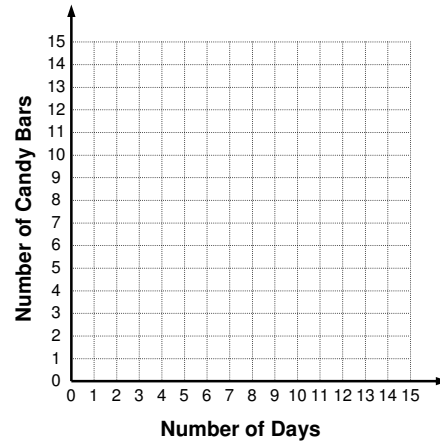


Graphing Fractional Slopes: Classwork (4th Period)

1. Use the equation to answer the following: $y = \frac{3}{4}x + 5$

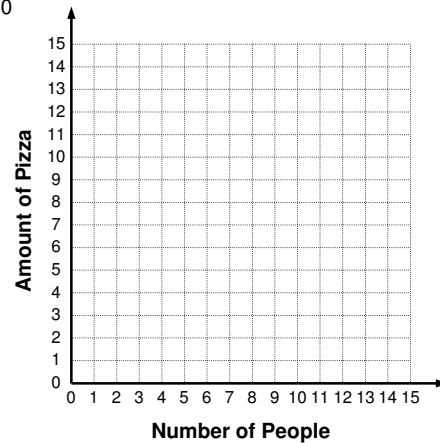
- Complete the graph that matches the equation.
Title the graph.
- Write a story problem to match the equation.



- What does the slope represent in the context of your story? The y -intercept?
- Which is the dependent variable and which is the independent variable?

2. Use the equation to answer the following: $y = -\frac{2}{5}x + 10$

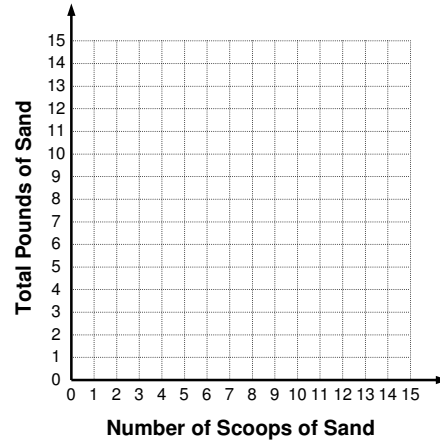
- Complete the graph that matches the equation.
Title the graph.
- Write a story problem to match the equation.



- What does the slope represent in the context of your story? The y -intercept?
- Which is the dependent variable and which is the independent variable?

3. Use the equation to answer the following: $y = \frac{2}{3}x + 6$

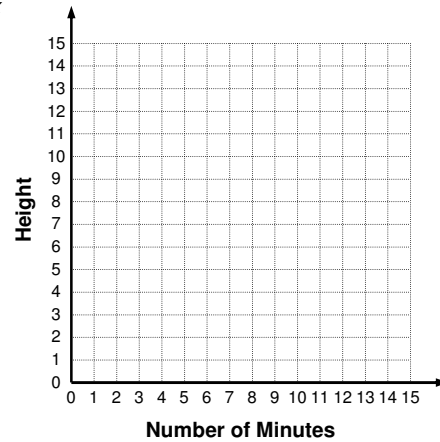
- Complete the graph that matches the equation.
Title the graph.
- Write a story problem to match the equation.



- What does the slope represent in the context of your story? The y -intercept?
- Which is the dependent variable and which is the independent variable?

4. Use the equation to answer the following: $y = 12 - \frac{4}{3}x$

- Complete the graph that matches the equation.
Title the graph.
- Write a story problem to match the equation.

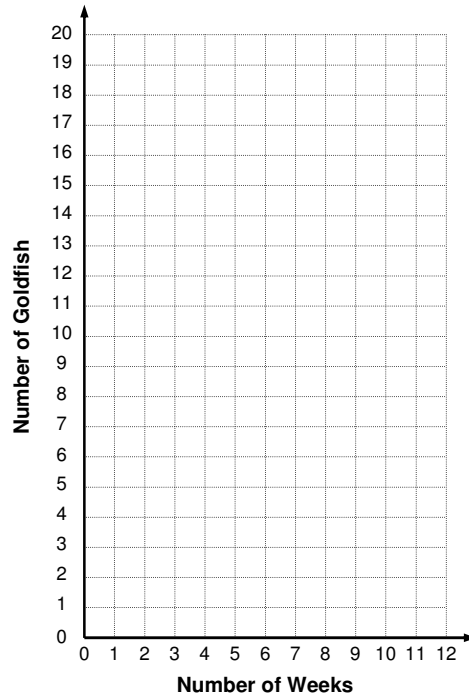


- What does the slope represent in the context of your story? The y -intercept?
- Which is the dependent variable and which is the independent variable?

Graphing Fractional Slopes: Homework

5. Use the equation to answer the following: $y = 3x + 2$

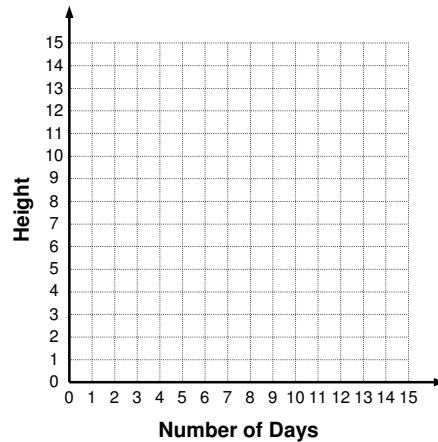
- Complete the graph that matches the equation.
Title the graph.
- Write a story problem to match the equation.



- What does the slope represent in the context of your story? The y -intercept?

6. Use the equation to answer the following: $y = \frac{3}{5}x + 2$

- Complete the graph that matches the equation.
Title the graph.
- Write a story problem to match the equation.



- What does the slope represent in the context of your story? The y -intercept?

- Which is the dependent variable and which is the independent variable?