

NAME

DATE

PERIOD

# My Reflections

## Lesson 1: Understanding Proportional Relationships

- I can graph a proportional relationship from a story.
- I can use the constant of proportionality to compare the pace of different animals.

## Lesson 2: Graphs of Proportional Relationships

- I can graph a proportional relationship from an equation.
- I can tell when two graphs are of the same proportional relationship even if the scales are different.

## Lesson 3: Representing Proportional Relationships

- I can scale and label a coordinate axes in order to graph a proportional relationship.

NAME

DATE

PERIOD

---

### Lesson 4: Comparing Proportional Relationships

- I can compare proportional relationships represented in different ways.

### Lesson 5: Introduction to Linear Relationships

- I can find the rate of change of a linear relationship by figuring out the slope of the line representing the relationship.

### Lesson 6: More Linear Relationships

- I can interpret the vertical intercept of a graph of a real-world situation.
- I can match graphs to the real-world situations they represent by identifying the slope and the vertical intercept.

NAME

DATE

PERIOD

**Lesson 7: Representations of Linear Relationships**

- I can write an equation for the relationship between the total volume in a graduated cylinder and the number of objects added to the graduated cylinder.
- I can use patterns to write a linear equation to represent a situation.

**Lesson 8: Translating to  $y = mx + b$** 

- I can write equations of lines using  $y=mx+b$ .
- I can explain where to find the slope and vertical intercept in both an equation and its graph.

**Lesson 9: Slopes Don't Have to be Positive**

- I can look at a graph and tell if the slope is positive or negative and explain how I know.
- I can give an example of a situation that would have a negative slope when graphed.

NAME

DATE

PERIOD

---

**Lesson 10: Calculating Slope**

- I can describe a line precisely enough that another student can draw it.
- I can calculate positive and negative slopes given two points on the line.

**Lesson 11: Equations of All Kinds of Lines**

- I can write equations of lines that have a positive or a negative slope.
- I can write equations of vertical and horizontal lines.

**Lesson 12: Solutions to Linear Equations**

- I understand what the solution to an equation in two variables is.
- I know that the graph of an equation is a visual representation of all the solutions to the equation.

NAME

DATE

PERIOD

---

**Lesson 13: More Solutions to Linear Equations**

- I can find solutions  $(x, y)$  to linear equations given either the  $x$ - or the  $y$ -value to start from.

**Lesson 14: Using Linear Relations to Solve Problems**

- I can write linear equations to reason about real-world situations.