Writing Linear Equations

In This Unit:

- 1. Domain and Range
- 2. Relation and Functions
- 3. Slope
- 4. Interpreting Distance Over Time



Lesson 3.1 Domain and Range

What You Need to Know:

When given a point (x,y) the x values are the domain [input] and the y values are the range [output].



When listing domain and range, don't repeat a number in the domain or range!

(1,3) (1,4)

Example: (1,2), (1,2), (1,2), (2,3), (3,4) Domain: {1,2,3} Range: {2,3,4} Lesson 3.1 & 3.2

















Interpreting Distance Over Time

Maria rode her bike home from school. The following graph represents her distance over time.



Describe Maria's ride home as distance over time. Be sure to include any change in speed during the bike ride.

Joe ran from his home to school at a constant speed. He immediately turned around and ran back home, but at a slower constant speed. Joe ran along a straight path to and from school. Which graph best represents Joe's distance from his home over time?



Homework Assignment

Worksheet
"Slope and Graph Interpretations"