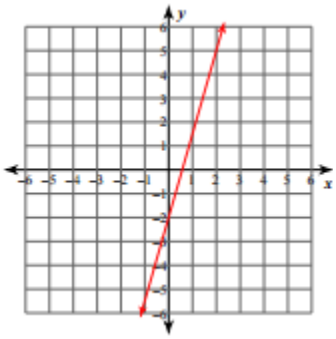
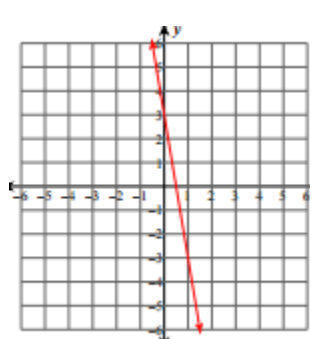
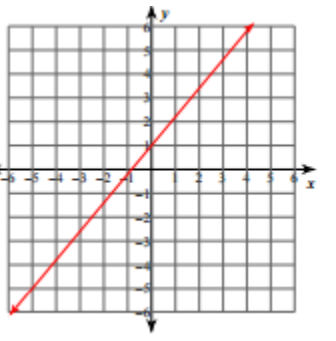


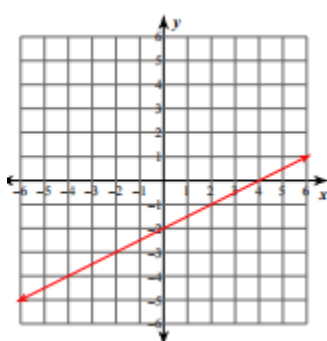
Homework 2.11 Characteristics of Linear Functions

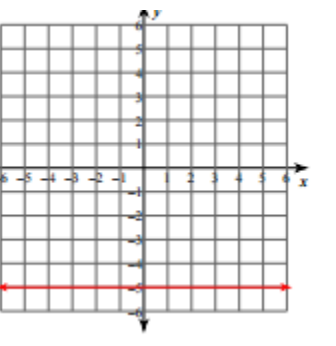
Determine the domain, range, x-intercept, and y-intercept. In addition, determine whether it's an increasing or decreasing function.

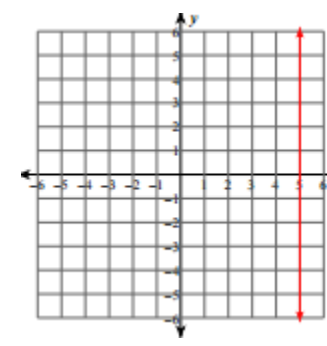
1.  Domain: _____
Range: _____
Y-Intercept: _____
X-Intercept: _____
Circle One: _____
Increasing or Decreasing _____

2.  Domain: _____
Range: _____
Y-Intercept: _____
X-Intercept: _____
Circle One: _____
Increasing or Decreasing _____

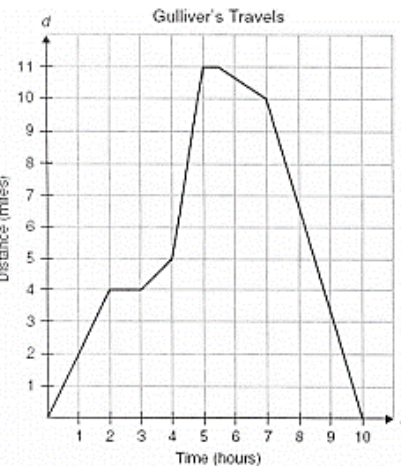
3.  Domain: _____
Range: _____
Y-Intercept: _____
X-Intercept: _____
Circle One: _____
Increasing or Decreasing _____

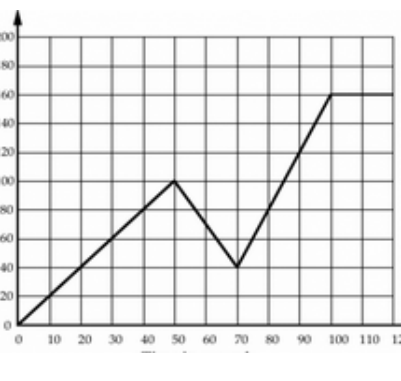
4.  Domain: _____
Range: _____
Y-Intercept: _____
X-Intercept: _____
Circle One: _____
Increasing or Decreasing _____

5.  Domain: _____
Range: _____
Y-Intercept: _____
X-Intercept: _____
Circle One: _____
Increasing or Decreasing _____

6.  Domain: _____
Range: _____
Y-Intercept: _____
X-Intercept: _____
Circle One: _____
Increasing or Decreasing _____

The function $d(t)$ represents Gulliver's distance from home after t hours. Determine the domain, range, x-intercept, and y-intercept. In addition, determine whether the function is increasing and decreasing.

7.  Domain: _____
Range: _____
Y-Intercept: _____
X-Intercept: _____
Increasing: _____
Decreasing: _____

8.  Domain: _____
Range: _____
Y-Intercept: _____
X-Intercept: _____
Increasing: _____
Decreasing: _____