

## **Expectations**

- 1.1 The student will model, analyze, and apply linear functions.
- 1.3 The student will model, analyze, and apply quadratic functions.

## **Essential Question**

How do variation functions model real-world problems and their solutions?

## **Enduring Understanding**

The characteristics of variation functions and their representations are useful in solving real-world problems.

## **Indicators**

- 1.1.B.2 apply direct variation to solve real-world problems.
- 1.3.B.8 apply inverse variation to solve real-world problems.

## **Vocabulary**

constant of proportionality  
constant of variation