

**Lesson Summary**

A ratio of two quantities, such as 5 miles per 2 hours, can be written as another quantity called a *rate*.

The numerical part of the rate is called the *unit rate* and is simply the value of the ratio, in this case 2.5. This means that in 1 hour, the car travels 2.5 miles. The unit for the rate is miles/hour, which is read “miles per hour”.

**Problem Set**

The Scott family is trying to save as much money as possible. One way to cut back on the money they spend is by finding deals while grocery shopping; however, the Scott family needs help determining which stores have the better deals.

1. At Grocery Mart, strawberries cost \$2.99 for 2 lb., and at Baldwin Hills Market strawberries are \$3.99 for 3 lb.
  - a. What is the unit price of strawberries at each grocery store? If necessary, round to the nearest penny.
  - b. If the Scott family wanted to save money, where should they go to buy strawberries? Why?
2. Potatoes are on sale at both Grocery Mart and Baldwin Hills Market. At Grocery Mart, a 5 lb. bag of potatoes cost \$2.85, and at Baldwin Hills Market a 7 lb. bag of potatoes costs \$4.20. Which store offers the best deal on potatoes? How do you know? How much better is the deal?