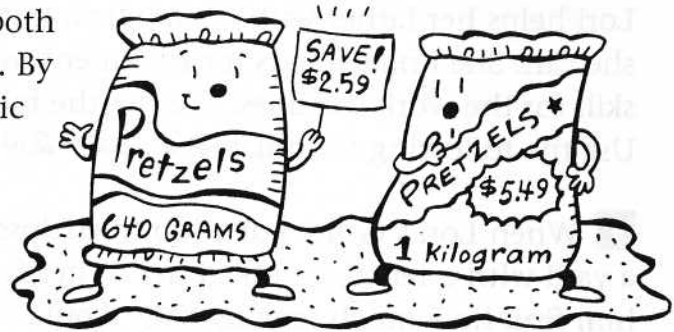


Think Metric

Working with
Metric Units
of Measure

Many products in the U.S. are labeled with both metric and customary units of measurement. By thinking metric, it is easier to learn the metric system. Solve the following problems. If necessary, refer to your math book for the values of metric units.



1 Mike was helping his father put edging around the flower bed in the front of their home. The edging was packed in sections of 350 centimeters. How many meters is this?

If they needed 9.35 meters of edging, how many sections would they have to buy?

How much edging would be left over? _____

2 For lunch, Mike enjoys peanut butter sandwiches. In two weeks he used 680 grams of peanut butter out of a 1-kilogram jar. How much was left in the jar?

What part of a kilogram was left in the jar? _____

3 On a recent trip, Mike noticed that the speedometer in his mother's car was labeled both in miles per hour and kilometers per hour. They drove to his grandmother's house. The total distance was 294 kilometers. The drive took 3

hours and 30 minutes. What was their average speed in kilometers per hour?

4 Some of Alicia's friends were coming to visit her. Mike went with her to the store to buy refreshments. A 640-gram bag of pretzels was on sale for \$2.59. A 1-kilogram box of pretzels was priced at \$5.49. Which was the better buy?

Alicia also wanted to buy spring water for her friends. She considered buying a six-pack of 355-milliliter bottles or one 2-liter bottle of spring water. Which contained more water, the six-pack or the 2-liter bottle? How much more?

5 Many people consider the metric system to be easier to use than other measurement systems. Why? Explain.
