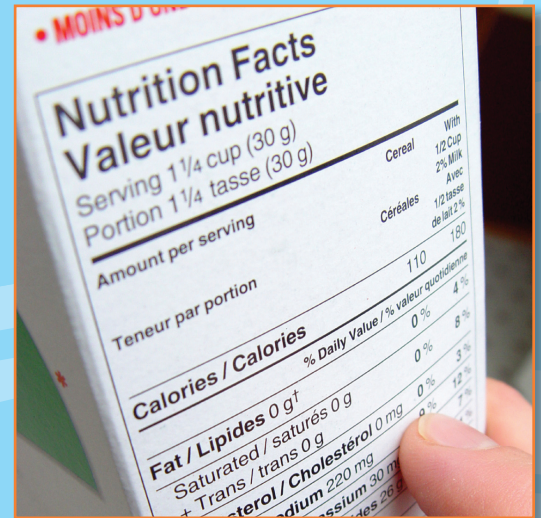


It's all About the Label



The following shows the nutritional facts from a food label for a box of cereal before it is mixed with milk. Look at the label closely, then answer the questions below. Share your results in class.

Serving Size:..... 1 cup (236 mil.)
Calories:..... 180
Calories from fat: 10
Total fat: 1 gram
Cholesterol: 0 mg
Sodium: 5 mg
Potassium:..... 170 mg



1. If a person ate two bowls of this cereal, how many total grams of fat would he or she take in from the cereal?

2. If a person eats a bowl of this cereal for a week, how many milligrams of sodium would he or she take in for seven days?

3. If a person ate half a bowl of this cereal, how much potassium would he or she take in from the cereal?

4. If a person hopes to take in ten grams of fat, how much cereal would he or she have to eat?

5. Suppose a person eats three servings of the cereal. Rewrite how the label would look to show the nutritional facts for three servings.

Measurement All Around



Think about the classroom you are currently in. Suppose you were going to replace the floor. To do this, you would need to know the area of your classroom floor. On your own, or with the help of other classmates, complete the following task.

1. Determine what unit would be best to measure the area. Share your suggestions in class.
2. Determine which tool you will use to find this measurement. Share your suggestions in class.
3. Make an estimate for the classroom area. Share your estimate in class. Explain how you determined the estimate.
4. Create a plan to find the area. What will you need to measure? How will you use these measurements to find the area? Share your ideas in class.
5. Find the area. Share your area in class.
6. Make a drawing or diagram of your classroom. In this diagram, show the area of your classroom. Label the length and width of each side of the classroom.
7. Compare the area of the classroom with the perimeter of the classroom. How are they similar? How are they different?
8. Up for a challenge? A typical tile used to put on a classroom floor is 9 inches by 9 inches (or 22.5 cm by 22.5 cm). How many tiles would you need to use to cover your entire floor?

Poster Power



You have been asked to design a poster for an upcoming movie. Your job is to make a poster that can be large enough to be displayed outside a theater. To do this you will need to:

1. Determine what movie you want to advertise.
2. Design the poster. Working alone or with a small group, make a draft of the poster.
3. Measure the length and width of the poster in inches.
4. Measure the perimeter of the poster. Explain how many inches of wood will be needed to make a frame for this poster. Convert this measurement into feet.
5. Measure the area of the poster.

When you are done, share your findings in class. Then, arrange the designs in order from largest to smallest.