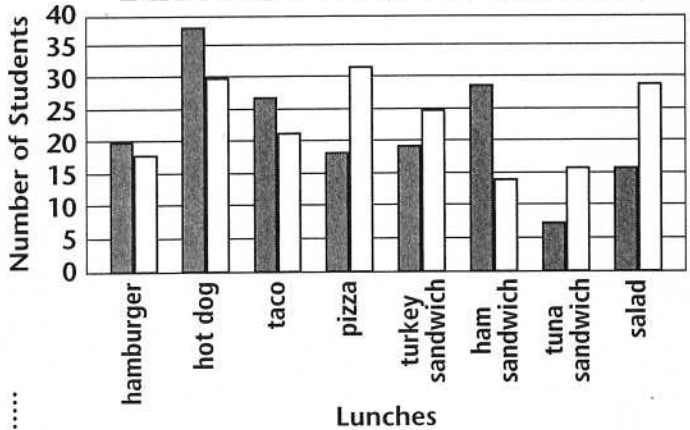


# Time for Lunch

## Interpreting Bar Graphs

Ashlee is a member of her school's eighth-grade student council. As chairperson of the council's Lunch Committee, Ashlee conducted a poll among seventh- and eighth-grade students to find out which lunches students preferred. She graphed her results. Study the graph and answer the questions that follow. Round your answers to the nearest percent.

**Favorite School Lunches**



Key:  Seventh-Grade Students  
 Eighth-Grade Students

**Total Number of Students**

Seventh Grade: 172 Eighth Grade: 180

**1** What is the most popular lunch among seventh graders? How many seventh graders prefer this lunch?

\_\_\_\_\_

What is the most popular lunch among eighth graders? How many eighth graders prefer this lunch?

\_\_\_\_\_

**2** What is the least popular lunch among seventh graders? How many seventh graders prefer this lunch?

\_\_\_\_\_

What is the least popular lunch among eighth graders? How many eighth graders prefer this lunch?

\_\_\_\_\_

**3** How many more seventh graders than eighth graders prefer ham sandwiches?

\_\_\_\_\_

How many more eighth graders than seventh graders prefer pizza?

\_\_\_\_\_

**4** What percentage of seventh-grade students prefer hamburgers or hot dogs for lunch?

\_\_\_\_\_

What percentage of eighth graders prefer pizza or hot dogs for lunch?

\_\_\_\_\_

What percentage of the students in both grades prefer hot dogs for lunch?

\_\_\_\_\_

**5** Each year the cafeteria staff changes the menu based on the preferences of the students. The student council Lunch Committee was asked which two lunches should be replaced for next year. Based on the data, if you were Ashlee, which two lunches would you recommend be replaced next year? Explain your answer on the back of this page.