

Glencoe Curriculum Portfolio Activities—Unit 7



Math 1

Create a spreadsheet to solve problems.

John and Dora are planning a picnic for their class of 250 students. Create a spreadsheet showing how much of the following foods they will need to purchase to feed the entire class if each person consumes the following amount:

- Hamburgers: $\frac{1}{2}$ pound of meat per person
- Hamburger buns: 2 per person
- Mayonnaise: $\frac{1}{8}$ cup per person
- Mustard: $\frac{1}{16}$ cup per person
- Tomatoes: $\frac{1}{2}$ tomato per person
- Lettuce: 1 head for 20 people
- Soda: 20 oz. per person, sold in 16-oz cans
- Ice cream: 6 oz. per person, sold in 64-oz. containers
- Chips: 8 oz per person, sold in 48 oz. bags

Be sure to format your spreadsheet correctly and enter the formulas carefully. Include a title and headings. For help in calculating totals, refer to *Glencoe Mathematics: Applications and Connections, Course 1*.

Resource:

Glencoe Mathematics: Applications and Connections, Course 1, pp. 273-278

Topic: Multiplying fractions