

### Class Party

Suppose there are 25 students in your class and you have \$10 to spend for a class party. Use the prices in the table to plan a party.

Make a list of the items you would like to buy. Show or tell how you spent the money.

Use as much of the \$10 as you can, but do not spend more than \$10. Be sure your party plan works for a class of 25.



Discuss the following questions with your classmates.

1. What do you need to think about before you start working?
2. How will you decide what to buy?
3. What tools will you need?
4. What will you need to include in your written explanation?

Party Items

Item	Cost
pitcher of lemonade (10 servings)	\$2.50
paper cups (package of 24)	69¢
ice cream bar	30¢
oatmeal cookies (package of 16)	99¢
bag of popcorn (30 servings)	\$1.09
napkins (package of 50)	49¢

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## Student Guide

### Class Party (SG p. 188)

#### Questions 1–4

Strategies for solving will vary. Students can use mental math, base-ten pieces, or expand form.

- 1.\* Possible response: What we want to buy, how to decide how much of each item to buy, and how to organize our work to keep track of how much we are spending.
- 2.\* Possible response: We will decide what will make the party fun but need to figure out the cost of each item for 25 so we don't go over \$10. We also need to be sure we included the right supplies such as cups if we pick lemonade.
- 3.\* Possible response: calculators, data tables, number lines, and the *200 Chart*.
- 4.\* Possible response: We will need to tell what we will buy, how much we will need of each item, how much each item will cost for 25, show all our steps and number sentences, explain how we decided on a good plan, and use good labels.