

Better Buy

- Goals**
- Compare items by identifying the relationship between quantity and cost.
 - Generate equivalent ratios.

Notes Finding the unit price is not always the easiest way to figure out the better buy. Often the most efficient way is to compare the cost for two or more sets of items in which there is the same number of items in each set. Another technique is to keep the total cost the same, and compare the numbers of each type of item you can get for that cost.

Solutions to all problems in this set appear on page 23.

Better Buy 1

Questions to Ask

- Can you tell which is the better buy by comparing the prices on the signs for each shop? (no) Why not? (The number of cookies is not the same.)
- Can you tell which is the better buy by comparing the number of cookies sold at each shop? (no) Why not? (The prices are not the same.)
- How much are 8 cookies at Choco's Chips? (If 4 cookies cost \$1.25, then 8 will cost \$2.50.)

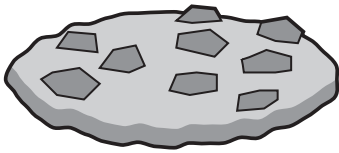
Solutions

1. Choco's Chips
2. Possible answers: Compare the unit costs: At Choco's, 1 cookie costs $\$1.25 \div 4$, a little more than 31¢. At Carly's, 1 cookie costs $\$1.00 \div 3$, a little more than 33¢.
Compare the price of 12 cookies: At Choco's, 12 cookies cost $3 \times \$1.25$, or \$3.75. At Carly's, 12 cookies cost $4 \times \$1.00$, or \$4.00.
Compare the numbers of cookies for \$5.00: At Choco's, you get 16 cookies for \$5.00. At Carly's, you get 15 cookies for \$5.00.

Better Buy 1

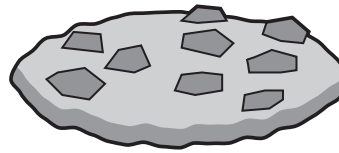
Two shops sell chocolate chip cookies.

Choco's Chips



4 cookies for \$1.25

Carly's Cookies



3 cookies for \$1.00

1. Which shop has the better buy? _____

2. Explain how you figured it out. _____
