

Homework & Practice 8-5

Reasoning

Another Look! Show three ways to make 25¢.

Two ways are shown in the table.

Use coins to help you find a third way. Show 1 dime.

Make 1 tally mark.

How many nickels do you need to add 15¢?

3

Make 3 tally marks.



Ways to Show 25¢			
Quarter	Dime	Nickel	Total
I			25¢
	II	I	25¢
	⋮	⋮⋮⋮	25¢

HOME ACTIVITY Ask your child to use quarters, nickels, and dimes to show all the ways to make 70¢ with those coins.

Use reasoning to solve each problem.

1. Show three ways to make \$20.
Use tally marks to record the bills.

Ways to Show \$20			
\$20 Bill	\$10 Bill	\$5 Bill	Total

2. What is the least number of coins you could use to make 45¢?
Make a table, if needed.

Number of coins: _____

Coins I would use: _____

© Performance Assessment

Least Number of Bills

The Williams family wants to buy these toys. They have \$20 bills, \$10 bills, \$5 bills, and \$1 bills. They want to use the least number of bills to pay for each item.

Which bills will they use to pay for each item?



3. **MP.3 Explain** Marci thinks the family should use three \$5 bills and three \$1 bills to buy the doll. Does Marci's way use the least number of bills? Explain.

4. **MP.8 Generalize** How can you find the least number of bills to use to pay for any of the 3 items?

5. **MP.2 Reasoning** Complete the Williams's shopping card. Record the least number of bills they could use to pay for each item. Use tally marks.

Item	\$20 Bill	\$10 Bill	\$5 Bill	\$1 Bill
Doll				
Basketball				
Bicycle				