

# Share and Show

Math Board

1. Sara wants to buy a bottle of apple juice from a vending machine. She needs exactly \$2.30. She has the following bills and coins:



Make and complete a table to find all the ways Sara could pay for the juice.

**First**, draw a table with a column for each type of bill or coin.

**Next**, fill in your table with each row showing a different way Sara can make exactly \$2.30.

2. What if Sara decides to buy a bottle of water that costs \$1.85? What are all the different ways she can make exactly \$1.85 with the bills and coins she has? Which coin must Sara use?
3. At the end of August, Mr. Diaz had a balance of \$441.62. Since then, he has written two checks for \$157.34 and \$19.74 and made a deposit of \$575.00. Mr. Diaz says his balance is \$739.54. Find Mr. Diaz's correct balance.

## On Your Own

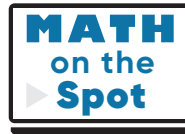
Use the following information to solve Problems 4–6.

At Open Skate Night, admission is \$3.75 with a membership card and \$5.00 without a membership card. Skate rentals are \$3.00.

4. Aidan paid the admission for himself and two friends at Open Skate Night. Aidan had a membership card, but his friends did not. Aidan paid with a \$20 bill. How much change should Aidan receive?

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5. The Moores paid \$6 more for skate rentals than the Cotters did. Together, the two families paid \$30 for skate rentals. How many pairs of skates did the Moores rent?



### Show the Math

Demonstrate Your Thinking

6. **MTR** Ahanu and 5 of her friends are going to Open Skate Night. Ahanu does not have a membership card. Only some of her friends have membership cards. What is the total amount that Ahanu and her friends might pay for admission?

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7. Marisol bought 5 movie tickets for a show. Each ticket cost \$6.25. Complete the table to show the price of 2, 3, 4, and 5 tickets.

| Number of Tickets | Price  |
|-------------------|--------|
| 1                 | \$6.25 |
| 2                 |        |
| 3                 |        |
| 4                 |        |
| 5                 |        |