

KEEP THE CHANGE

It's Maddie's lucky day! Her mom has a jar of coins. Mom asks Maddie to close her eyes and choose five coins from the jar. She may keep them if she can tell the value of the set of five coins and tell one more way to get the same amount.

Choose five coins, find their value and one other way to get the same value with different coins. Do this six times. Record your results. Which coins do you want Maddie to keep? Explain.

[Adapted from REAL-LIFE MATH PROBLEM SOLVING. Scholastic Inc.
<http://www.scholastic.com>] *Permission Waived per 2-27-02 Phone Conversation*

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Modified Instructions:

Here is one way to complete your assignment:

Fold a paper lengthwise to make eight long rows. Fold over the right edge to make one column for the total value.

11"

8 1/2"

Choose five coins. Sketch them in the first row. Count the value, and write it in the box at the end of the row.

Use other coins to show the same value. Sketch these coins in the next row and write the total in the box at the end of the row. Choose another 5 coins and repeat. You may turn the paper over when you fill up all the rows on one side.

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