

Test 7—Question 4: Problem Solving

- 4** Jeremy has 8 nickels, 9 dimes, and 20 pennies in his coin jar. He wants to exchange these coins for quarters to use at the county fair. How many quarters can he get in exchange for the coins? Write your answer on the line below.

Show All Work

Answer _____ quarters

Exemplary Response:

- 6 quarters

AND

- Correct complete process

Sample Process

$$\bullet \ 8 \times 5 = 40 \quad 9 \times 10 = 90 \quad 20 \times 1 = 20$$

$$40 + 90 + 20 = 150 \text{ cents}$$

There are 4 quarters in one dollar and 2 quarters in 50 cents.

OR

- Other valid process

Rubric:

2 points Exemplary response

1 point One correct component

0 points Other