

Name _____
Alg1

March 3, 2020
Jar of Change

1) Bob has 15 nickels, 22 dimes, and 31 quarters. How much money does Bob have?

2) Cindy has 50 nickels. She has 4 more dimes than half the amount of nickels and 7 less quarters than triple the amount of nickels. How much money does Cindy have?

3) A jar of change has \$49.55 in it. There are 7 less dimes than twice the amount of nickels and 6 quarters more than double the amount of nickels. How many nickels, dimes, and quarters are in the jar? (There are no pennies.)

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4) A jar of change has \$93.75 in it. There are 4 more dimes than 3 times the amount of nickels and 4 quarters less than double the amount of nickels. How many nickels, dimes, and quarters are in the jar? (There are no pennies.)

5) A jar of change has \$171.75 in it. There are 22 less nickels than 5 times the amount of dimes and 11 more quarters than 4 times the amount of dimes. How many nickels, dimes, and quarters are in the jar? (There are no pennies.)

6) A jar of change has \$94.50 in it. There are 4 dimes more than 3 times the amount of quarters and 3 nickels less than double the amount of quarters. How many nickels, dimes, and quarters are in the jar? (There are no pennies.)