

Name: Class:

Count coins and bills up to \$5 bill word problems

1. Yesterday, Jerry's mother gave him 5 pennies, 7 dimes and 1 dollar bill. How much money did Jerry's mother give him in dollars?



2. Pamela and her friends were counting some money. They counted five \$5 bills, 10 nickels, 3 quarters, and 1 dime. How much money did they count all together in dollars?

3. Charly has 16 quarters and 15 dimes in her piggy bank. How much money does she have in dollars?



Name: Class:

Count coins and bills up to \$5 bill word problems

1. Yesterday, Jerry's mother gave him 5 pennies, 7 dimes and 1 dollar bill. How much money did Jerry's mother give him in dollars?

Let's first of all write the worth of coins in dollars

$$1 \text{ Penny} = \$0.01$$

$$1 \text{ dime} = \$0.10$$

Let's Calculate.

$$\text{Amount of pennies} = 5 \times \$0.01 = \$0.05$$

$$\text{Amount of dimes} = 7 \times \$0.10 = \$0.7$$

$$\text{Amount of dollar bill} = \$1$$

$$\text{Now, amount of money Jerry's mother gave him} = \$0.05 + \$0.7 + \$1 = \$1.75$$

So, Jerry's mother gave him \$1.75

2. Pamela and her friends were counting some money. They counted five \$5 bills, 10 nickels, 3 quarters, and 1 dime. How much money did they count all together in dollars?

We know that,

$$\text{A nickel is worth } \$0.5$$

$$\text{A quarter is worth } \$0.25$$

$$\text{A dime is worth } \$0.10$$

Now let's calculate

$$\text{Amount of nickels} = 10 \times \$0.5 = \$5$$

$$\text{Amount of quarter} = 3 \times \$0.25 = \$0.75$$

$$\text{Amount of dimes} = 1 \times \$0.10 = \$0.1$$

$$\text{Amount of dollars} = 5 \times \$5 = \$25$$

$$\text{Total amount of money} = \$5 + \$0.75 + \$0.1 + \$25 = \$30.85$$

So, they counted \$35.85 altogether.

3. Charly has 16 quarters and 15 dimes in her piggy bank. How much money does she have in dollars?

$$\text{Amount of quarter} = \$0.25 \times 16 = \$4$$

$$\text{Amount of dimes} = \$0.10 \times 15 = \$1.5$$

$$\text{Total amount of money} = \$4 + \$1.5 = \$5.5$$

So, she has \$5.5

