

Representing Decimals Using Money

NCTM Standards 1, 2, 6, 7, 8, 9, 10

Use the clues to fill in the missing numbers.

1

Number of dimes	1	3			4	11		19	27	36
Decimal	0.10		0.90	0.80			1.30			

2

Number of pennies	37			1	8		119		207	
Decimal	0.37	0.49	0.18			0.36		1.93		6.35

3

Number of nickels	1			15	20	21			49	59
Decimal	0.05	0.25	0.45		1		1.50	1.65		

4

$$\begin{array}{r} \$0.51 \\ + \$0.49 \\ \hline \square \end{array}$$

5

$$\begin{array}{r} \$0.96 \\ + \$0.04 \\ \hline \square \end{array}$$

6

$$\begin{array}{r} \$0.83 \\ + \$0.17 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \quad \$1.00 \\ - \$0.73 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \quad \$1.00 \\ - \$0.89 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \quad \$1.00 \\ - \$0.92 \\ \hline \square \end{array}$$

$$\begin{array}{r} 10 \quad \$1.30 \\ + \square \\ \hline \$2.00 \end{array}$$

$$\begin{array}{r} 11 \quad \$1.03 \\ + \square \\ \hline \$2.00 \end{array}$$

$$\begin{array}{r} 12 \quad \$0.71 \\ + \square \\ \hline \$2.00 \end{array}$$

$$\begin{array}{r} 13 \quad \$10.00 \\ - \square \\ \hline \$7.28 \end{array}$$

$$\begin{array}{r} 14 \quad \$20.00 \\ - \square \\ \hline \$12.72 \end{array}$$

Challenge Use words, pictures, and numbers to show how you found your answers.

15 Letitia is collecting money for her youth group. Her goal is to have \$13.50 by Sunday. She's set aside \$6.73 of her own money, and her brother said he'd contribute the rest. How much will he need to give her? _____

16 Joneau and Sonya are having a contest to see who can save the most money. Joneau has \$15.68 saved up. When Sonya counts her money, she finds out that Joneau has \$3.29 more than she does. How much money has Sonya saved? _____