









Unit 17 : Money


Friendly Notes

Value of Money


These are the coins and bills we use in the US.
We talk about the value of coins in cents (¢) and the value of bills in dollars (\$).

Value of 1 coin/bill		We can change 1 of this for	How do we know this?
penny 	1¢	—	—
nickel 	5¢	5 pennies	Value of 5 pennies $= 1¢ + 1¢ + 1¢ + 1¢ + 1¢$
dime 	10¢	10 pennies OR 2 nickels	Value of 10 pennies $= 1¢ + 1¢ + 1¢ + 1¢ + 1¢ + 1¢ + 1¢ + 1¢ + 1¢ + 1¢$ Value of 2 nickels $= 5¢ + 5¢$
quarter 	25¢	25 pennies OR 5 nickels OR 2 dimes and 1 nickel	Value of 5 nickels $= 5¢ + 5¢ + 5¢ + 5¢ + 5¢$ Value of 2 dimes and 1 nickel $= 10¢ + 10¢ + 5¢$

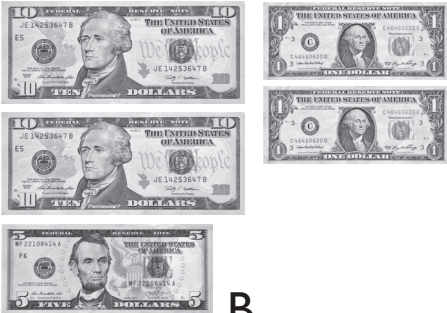
<p>half-dollar</p> 	50¢	<p>50 pennies</p> <p>OR</p> <p>10 nickels</p> <p>OR</p> <p>5 dimes</p> <p>OR</p> <p>2 quarters</p>	<p>Value of 10 nickels</p> $= 5¢ + 5¢ + 5¢ + 5¢ + 5¢ + 5¢ + 5¢ + 5¢ + 5¢ + 5¢$ <p>Value of 5 dimes</p> $= 10¢ + 10¢ + 10¢ + 10¢ + 10¢$ <p>Value of 2 quarters</p> $= 25¢ + 25¢$
<p>one dollar</p> 	\$1	2 half-dollars	<p>Value of 2 half-dollars</p> $= 50¢ + 50¢$
<p>five dollars</p> 	\$5	5 one-dollar bills	<p>Value of 5 one-dollar bills</p> $= \$1 + \$1 + \$1 + \$1 + \$1$
<p>ten dollars</p> 	\$10	<p>10 one-dollar bills</p> <p>OR</p> <p>2 five-dollar bills</p>	<p>Value of 2 five-dollar bills</p> $= \$5 + \5

<p>twenty dollars</p> 	\$20	<p>20 one-dollar bills</p> <p>OR</p> <p>2 ten-dollar bills</p> <p>OR</p> <p>4 five-dollar bills</p>	<p>Value of 2 ten-dollar bills = \$10 + \$10</p> <p>Value of 4 five-dollar bills = \$5 + \$5 + \$5 + \$5</p>
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How much money is there?
Which set has a greater amount of money?



A



B

We add the **value** of the bills in each set, and **not the number of bills** in each set.

Set A has \$9.
Set B has \$27.

Set B has a greater amount of money.



We add or subtract to find the cost of things or how much more they cost than others.

Gwen has \$15.

She wants to buy a doll and a toy drum.



- (a) Which costs more? How much more?
- (b) How much do the doll and toy drum cost altogether?
- (c) How much more money does Gwen need to buy the doll and the toy drum?

- (a) The doll costs more than the toy drum.
Subtract \$8 from \$10.

$$10 - 8 = 2$$

The doll costs \$2 more than the toy drum.

The toy drum costs \$2 less than the doll.

The doll is more expensive than the toy drum.

The toy drum is cheaper than the doll.

- (b) $10 + 8 = 18$
They cost \$18 altogether.

- (c) $18 - 15 = 3$
Gwen needs \$3 more.