MONEY

A DOLLAR

A.1 CALCULATING THE TOTAL IN DECIMAL FORM

Ex 1: Calculate the total in decimal form:

$$= 1\,\$ + 10\,\text{c}$$
$$= \boxed{1.10}\,\$$$

Answer:

$$1\,\$ + 10\,\text{c} = 1\,\$ + 0.10\,\$$$
$$= 1.10\,\$$$

Ex 2: Calculate the total in decimal form:

$$= 2\,\$ + 50\,\text{c}$$
$$= \boxed{2.50}\,\$$$

Answer:

$$2\,\$ + 50\,\text{c} = 2\,\$ + 0.50\,\$$$
$$= 2.50\,\$$$

Ex 3: Calculate the total in decimal form:

$$= 5\,\$ + 10\,\text{c} + 10\,\text{c}$$
$$= \boxed{5.20}\,\$$$

Answer:

$$5\,\$ + 10\,\text{c} + 10\,\text{c} = 5\,\$ + 0.10\,\$ + 0.10\,\$$$
$$= 5.20\,\$$$

Ex 4: Calculate the total in decimal form:

$$= 50\,\text{c} + 50\,\text{c} + 50\,\text{c}$$
$$= \boxed{1.50}\,\$$$

Answer:

$$50\,\text{c} + 50\,\text{c} + 50\,\text{c} = 0.50\,\$ + 0.50\,\$ + 0.50\,\$$$
$$= 1.50\,\$$$

Ex 5: Calculate the total in decimal form:

$$= 10\,\$ + 5\,\$ + 50\,\text{c}$$
$$= \boxed{15.50}\,\$$$

Answer:

$$10\,\$ + 5\,\$ + 50\,\text{c} = 10\,\$ + 5\,\$ + 0.50\,\$$$
$$= 15.50\,\$$$

A.2 CHECKING IF YOU HAVE ENOUGH MONEY TO BUY ITEMS

MCQ 6: In this wallet, Su has 50 cents and 25 cents:

Does she have enough money to buy an ice cream for 1 dollar =  ?

☐ Yes

☒ No

Answer:

$$50\text{ c} + 20\text{ c} = 0.50\ \$ + 0.25\ \$$$
$$= 0.75\ \$$$

Su has 0.75 dollars, but the ice cream costs 1.00 dollars. So, she does **not** have enough money.

MCQ 7: In this wallet, Su has 50 cents, 50 cents, and 10 cents:

Does she have enough money to buy an ice cream for 1 dollar =  ?

☒ Yes

☐ No

Answer:

$$50\text{ c} + 50\text{ c} + 10\text{ c} = 0.50\ \$ + 0.50\ \$ + 0.10\ \$$$
$$= 1.10\ \$$$

Su has 1 dollars, and the ice cream costs 1.00 dollar. So, she **does** have enough money.

MCQ 8: In this wallet, Hugo has three coins of 50 cents:

Does he have enough money to buy a chocolate for 1.30 dollars=  ?

☒ Yes

☐ No

Answer:

$$50\text{ c} + 50\text{ c} + 50\text{ c} = 0.50\ \$ + 0.50\ \$ + 0.50\ \$$$
$$= 1.50\ \$$$

Hugo has 1.50 dollars, and the chocolate costs 1.30 dollars. So, he **does** have enough money.

MCQ 9: In this wallet, Louis has 2 dollars and 2 dollars:

 

Does he have enough money to buy a toy car for 3,90 dollars =  ?

☒ Yes

☐ No

Answer:

$$2\,\$ + 2\,\$ = 4\,\$$$

Louis has 4 dollars, and the toy car costs 3.90 dollars. So, he **does** have enough money.

A.3 CALCULATING CHANGE WHEN BUYING ITEMS

Ex 10: Louis wants to buy bananas for 2.50 dollars =  . He gives 4 dollars to the seller. How much does the seller give back?

$$\boxed{1.50}\ \$$$

Answer:

$$4\,\$ - 2.50\,\$ = 1.50\,\$$$

The seller gives back **1.50 dollars** to Louis.

$$4\,\$ = 1.50\,\$ +$$ 

Ex 11: Su wants to buy an ice cream for 3.10 dollars =  . She gives 5 dollars to the seller. How much does the seller give back?

$$\boxed{1.90}\ \$$$

Answer:

$$5\,\$ - 3.10\,\$ = 1.90\,\$$$

The seller gives back **1.90 dollars** to Su.

$$5\,\$ = 1.90\,\$ +$$ 

Ex 12: You want to buy a pizza for 12.50 dollars =  . You give 20 dollars to the seller. How much does the seller give back?

$$\boxed{7.50}\ \$$$

Answer:

$$20\,\$ - 12.50\,\$ = 7.50\,\$$$

The seller gives back **7.50 dollars** to you.

$$20\,\$ = 7.50\,\$ +$$ 

Ex 13: You want to buy a fruit basket for 13.20 dollars =  . You give 15 dollars to the seller. How much does the seller give back?

$$\boxed{1.80}\ \$$$

Answer:

$$15\,\$ - 13.20\,\$ = 1.80\,\$$$

The seller gives back **1.80 dollars** to you.

$$15\,\$ = 1.80\,\$ +$$