

Addition with U.S. Money

Adding coins

Example 1

$$\begin{aligned}
 \text{One Cent} + \text{One Cent} &= \text{¢1} + \text{¢1} \\
 &= \text{¢2}
 \end{aligned}$$

Example 2

$$\begin{aligned}
 \text{Five Cents} + \text{Five Cents} &= \text{¢5} + \text{¢5} \\
 &= \text{¢10}
 \end{aligned}$$

Example 3

$$\begin{aligned}
 \text{Ten Cents} + \text{Ten Cents} &= \text{¢10} + \text{¢10} \\
 &= \text{¢20}
 \end{aligned}$$

Example 4

$$\begin{aligned}
 \text{One Cent} + \text{Five Cents} + \text{Ten Cents} &= \text{¢1} + \text{¢5} + \text{¢10} \\
 \text{One Cent} + \text{Five Cents} + \text{Ten Cents} &= \text{¢2} + \text{¢10} + \text{¢10} = \text{¢22}
 \end{aligned}$$

Example 5

$$\begin{aligned}
 \text{Twenty Five Cents} + \text{Twenty Five Cents} &= \text{¢25} + \text{¢25} \\
 &= \text{¢50}
 \end{aligned}$$

Example 6

$$\begin{aligned}
 \text{Twenty Five Cents} + \text{Twenty Five Cents} &= \text{¢50} + \text{¢50} \\
 &= \text{¢100}
 \end{aligned}$$

Example 7

$$\begin{aligned}
 \text{Twenty Five Cents} + \text{Fifty Cents} &= \text{¢25} + \text{¢50} = \text{¢75}
 \end{aligned}$$

Example 8

$$\begin{aligned}
 \text{Three One Cents} + \text{Ten Cents} + \text{Twenty Five Cents} &= \text{¢3} + \text{¢10} + \text{¢25} \\
 &= \text{¢13} + \text{¢25} = \text{¢38}
 \end{aligned}$$



Adding notes

$$\begin{array}{c}
 \text{\$1} + \text{\$1} = \text{\$2} \\
 \text{\$1} + \text{\$1} = \text{\$2}
 \end{array}$$

$$\begin{array}{c}
 \text{\$1} + \text{\$5} = \text{\$6} \\
 \text{\$1} + \text{\$5} = \text{\$6}
 \end{array}$$

$$\begin{array}{c}
 \text{\$2} + \text{\$10} = \text{\$12} \\
 \text{\$2} + \text{\$10} = \text{\$12}
 \end{array}$$

$$\begin{array}{c}
 \text{\$20} + \text{\$50} = \text{\$70} \\
 \text{\$20} + \text{\$50} = \text{\$70}
 \end{array}$$

$$\begin{array}{c}
 \text{\$1} + \text{\$5} + \text{\$20} = \text{\$26} \\
 \text{\$1} + \text{\$5} + \text{\$20} = \text{\$26}
 \end{array}$$

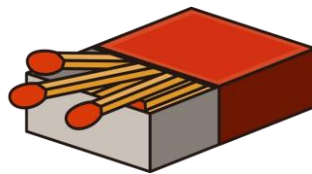
$$\begin{array}{c}
 \text{\$2} + \text{\$10} + \text{\$50} = \text{\$62} \\
 \text{\$2} + \text{\$10} + \text{\$50} = \text{\$62}
 \end{array}$$

Example 1

Find the total cost of the given items.



₹25



₹50



₹10

Solution

$$\begin{array}{c}
 \text{\$25} + \text{\$50} + \text{\$10} = \text{\$75} + \text{\$10} \\
 = \text{\$85}
 \end{array}$$

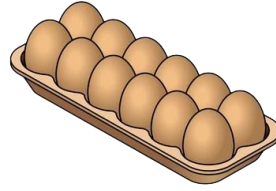


Example 2

Find the total cost of the given items.



\$2



\$3



\$6

Solution

$$\begin{aligned}
 \$2 + \$3 + \$6 &= \$5 + \$6 \\
 &= \$11
 \end{aligned}$$

Akilah went shopping and bought some things, Let's see how much she spent



Meat - \$10



Oil - \$7



Vegetables - \$12



Candies - ¢5



Cookies - ¢10



Fruits - \$8



Milk items - \$3



Eggs - \$2



Drinks - ¢25



Stationery things - ¢35

Separate the cents and dollars.

Cents Candies - ¢5 , Cookies - ¢10 , Drinks - ¢25 ,
Stationery things - ¢35

Dollars Meat - \$10 , Oil - \$7 , Vegetables - \$12 , Fruits- \$8 ,
Eggs - \$2 , Milk items - \$3

Add the cents

$$\begin{array}{ccccccc}
 \text{¢}5 & + & \text{¢}10 & + & \text{¢}25 & + & \text{¢}35 \\
 \hline
 & 5+10=15 & & 15+25=40 & & 40+35=75 & \\
 \hline
 & & \text{¢}15 & & \text{¢}40 & & \text{¢}75
 \end{array}$$

The total amount of cents = ¢75

Add the Dollars

$$\begin{array}{ccccccc}
 \$10 & + & \$7 & + & \$12 & + & \$8 & + & \$3 & + & \$2 \\
 \hline
 & 10+7=17 & & 17+12=29 & & 29+8=37 & & 37+3=40 & & 40+2=42 & \\
 \hline
 & & \$17 & & \$29 & & \$37 & & \$40 & & \$42
 \end{array}$$

The total amount of dollars = \$42

Total amount spent on shopping = Cents + Dollars

= ¢75 + \$42

= 42 dollars and 75 cents

