Addition of Money with Cents Worksheet

FREE Worksheet - 2

Time: 20 minutes

(Detailed solutions at the end)

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1. Indira bought a highlighter and a pen holder.

    The highlighter cost $0.55.

    The pen holder cost $0.90 more than the highlighter.

    Find the cost of the pen holder.

    Answer: $ _____

2. Bruce and Marvin went to a furniture shop.

    Bruce bought a wall clock for $10.75.

    Marvin bought a different wall clock and paid $13.30 more than Bruce.

    What was the cost of the wall clock that Marvin bought?

    Answer: $ _____

3. Maria bought a toy for $46.45.

    She bought another toy for $36.90.

    How much money did she spend on the two toys?

<div align="center">Answer: $ _____</div>

4. Coffee machines are on clearance at a megastore.

    Mrs. Carter wants to buy two similar coffee machines selling at $31.15 each.

    How much money will she need?

<div align="center">Answer: $ _____</div>

5. Add the following amounts.

   $64.55 + $20.75 = _____

   a. 85.35
   b. 85.30
   c. 85.80
   d. 85.25

SOLUTIONS

Problem 1

$0.55 + $0.90 = ?

First, we add the cents.

```
    $    ¹0  .  5  5
 +  $     0  .  9  0
    ─────────────────
    $           4  5
```

Next, we add the dollars.

```
    $    ¹0  .  5  5
 +  $     0  .  9  0
    ─────────────────
    $     1  .  4  5
```

So, $0.55 + $0.90 = $1.45

The cost of the pen holder was $1.45.

Problem 2

$10.75 + $13.30 = ?

First, we add the cents.

$$
\begin{array}{r}
\$ \quad 1 \quad {}^{1}0 \quad . \quad 7 \quad 5 \\
+ \quad \$ \quad 1 \quad 3 \quad . \quad 3 \quad 0 \\
\hline
\$ \qquad\qquad\qquad 0 \quad 5 \\
\end{array}
$$

Next, we add the dollars.

$$
\begin{array}{r}
\$ \quad 1 \quad {}^{1}0 \quad . \quad 7 \quad 5 \\
+ \quad \$ \quad 1 \quad 3 \quad . \quad 3 \quad 0 \\
\hline
\$ \quad 2 \quad 4 \quad . \quad 0 \quad 5 \\
\end{array}
$$

So, $10.75 + $13.30 = $24.05

The cost of Marvin's wall clock was $24.05.

Problem 3

$46.45 + $36.90 = ?

First, we add the cents.

```
    $   4   ¹6  .   4   5
+   $   3    6  .   9   0
─────────────────────────
    $               3   5
```

Next, we add the dollars.

```
    $  ¹4  ¹6  .   4   5
+   $   3    6  .   9   0
─────────────────────────
    $   8    3  .   3   5
```

So, $46.45 + $36.90 = $83.35

She spent $83.35 on the two toys.

Problem 4

1 coffee machine -------> $31.15

2 coffee machines -------> $31.15 + $31.15

= ?

First, we add the cents.

$$\begin{array}{r} \$\ 3\ 1\ .\ {}^{1}1\ 5 \\ +\ \$\ 3\ 1\ .\ 1\ 5 \\ \hline \$\qquad\quad 3\ 0 \end{array}$$

Next, we add the dollars.

$$\begin{array}{r} \$\ 3\ 1\ .\ {}^{1}1\ 5 \\ +\ \$\ 3\ 1\ .\ 1\ 5 \\ \hline \$\ 6\ 2\ .\ 3\ 0 \end{array}$$

So, $31.15 + $31.15 = $62.30

She will need $62.30.

Problem 5

$64.55 + $20.75 = ?

First, we add the cents.

$$\begin{array}{r} \$ \ 6 \ ^14 \ . \ ^15 \ 5 \\ + \ \$ \ 2 \ 0 \ . \ 7 \ 5 \\ \hline \$ \qquad\qquad 3 \ 0 \end{array}$$

Next, we add the dollars.

$$\begin{array}{r} \$ \ 6 \ ^14 \ . \ ^15 \ 5 \\ + \ \$ \ 2 \ 0 \ . \ 7 \ 5 \\ \hline \$ \ 8 \ 5 \ . \ 3 \ 0 \end{array}$$

So, $64.55 + $20.75 = $85.30