



## Multiplication of Three Digit Numbers

**FREE Worksheet - 1**

**Time: 20 minutes**

(Detailed solutions at the end)

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1. Multiply.

$$\begin{array}{r} 125 \\ \times 6 \\ \hline \end{array}$$

Answer: \_\_\_\_\_

2. Adult tickets at an amusement park are sold at \$35 each. Mr. Ford bought 4 adult tickets. How much did he pay?

- a. \$ 136
- b. \$ 144
- c. \$ 140
- d. \$ 132

3. There are 12 children in a club. Each child collects 3 picture postcards. How many picture postcards does the club collect altogether?

Answer: \_\_\_\_\_ picture postcards



4. There are 39 bags of marbles in a jar. Each bag has 7 marbles. How many marbles are there in the jar?

- a. 259
- b. 273
- c. 287
- d. 266

5. Pablo gives away \$6 a day to poor children. How much money does he give away to poor children in a year?

[Hint: There are 365 days in a year.]

Answer: \$\_\_\_\_\_

6. What is the product of 213 and 3?

- a. 609
- b. 639
- c. 426
- d. 213

7. How many postcards did Isabelle make in a week if she made 161 postcards each day of the week?

Answer: \_\_\_\_\_ postcards



8. Mrs. Carter bought 7 bunches of bananas at a supermarket. If there were 8 bananas in each bunch, how many bananas did she buy altogether?

- a. 42
- b. 70
- c. 56
- d. 63

9. Find the missing digit.

$$\begin{array}{r} \phantom{x} 144 \\ \times \phantom{00} 6 \\ \hline \phantom{00} 86 \square \end{array}$$

- a. 1
- b. 4
- c. 8
- d. 0

10. Frida, Nina and Angelina each had 128 ribbons. How many ribbons did they have altogether?

- a. 387
- b. 378
- c. 384
- d. 390



## SOLUTIONS

### Problem 1

$$\begin{array}{r} \phantom{1}1 \phantom{2} \phantom{3}5 \\ \times \phantom{1} \phantom{2} \phantom{3}6 \\ \hline \phantom{1}7 \phantom{2}5 \phantom{3}0 \end{array}$$

So,  $125 \times 6 = 750$

### Problem 2

adult tickets  $\overbrace{1 \ 2 \ 3 \ 4}^{\$35}$   
?

$$\begin{array}{r} \phantom{1} \phantom{2}3 \ 5 \\ \times \phantom{1} \phantom{2}4 \\ \hline \phantom{1}1 \ 4 \ 0 \end{array}$$

He paid \$140.



**Problem 3**

picture postcards

child 1 child 2 . . . . . child 12

3

?

$12 \times 3 = ?$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$$

The club collects 36 picture postcards altogether.



**Problem 4**

The diagram shows a jar labeled "marbles" containing 39 bags. The bags are labeled "bag 1", "bag 2", "...", and "bag 39". A bracket above the bags is labeled "7", indicating that each bag contains 7 marbles. A larger bracket below the bags is labeled "?", representing the total number of marbles in the jar.

Below the diagram is a multiplication problem:

$$\begin{array}{r} \phantom{\times} \phantom{2} \phantom{7} \phantom{3} \\ \phantom{\times} \phantom{2} \phantom{7} \phantom{3} \\ \times \phantom{2} \phantom{7} \phantom{3} \\ \hline 2 \phantom{7} \phantom{3} \\ 7 \phantom{3} \\ 3 \phantom{3} \\ \hline \end{array}$$

There are 273 marbles in the jar.



**Problem 5**

The diagram shows a sequence of days from Day 1 to Day 365. A bracket above the sequence is labeled \$6, and a bracket below is labeled ?. Below the diagram is a multiplication problem:

$$\begin{array}{r} \phantom{2} \phantom{1} \phantom{9} \phantom{0} \\ \phantom{2} \phantom{1} \phantom{9} \phantom{0} \\ \phantom{2} \phantom{1} \phantom{9} \phantom{0} \\ \times \phantom{2} \phantom{1} \phantom{9} \phantom{0} \\ \hline 2 \phantom{1} \phantom{9} \phantom{0} \\ \phantom{2} 1 \phantom{9} \phantom{0} \\ \phantom{2} \phantom{1} 9 \phantom{0} \\ \phantom{2} \phantom{1} \phantom{9} 0 \end{array}$$

He gives away \$2190 to poor children in a year.



**Problem 6**

$$\begin{array}{r} 213 \\ \times 3 \\ \hline 639 \end{array}$$

So,  $213 \times 3 = 639$

**Problem 7**

1 week = 7 days

161

postcards

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
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?

$$\begin{array}{r} 161 \\ \times 7 \\ \hline 1127 \end{array}$$

She made 1127 postcards in a week.





**Problem 8**

bananas

bunch	bunch	bunch	bunch	bunch	bunch	bunch
1	2	3	4	5	6	7

8

?

$7 \times 8 = 56$

She bought 56 bananas altogether.

**Problem 9**

$144 \times 6 = ?$

	<sup>2</sup> 1	<sup>2</sup> 4	4
×			6
<hr/>			
	8	6	4

So, the missing digit is: 4



**Problem 10**

The diagram shows a bar model for 128 ribbons. The bar is divided into three equal parts labeled Frida, Nina, and Angelina. A bracket above the bar indicates the total is 128. A bracket below the bar indicates the unknown total for the three people, marked with a question mark.

Below the bar model is a multiplication problem:

$$\begin{array}{r} 128 \\ \times 3 \\ \hline 384 \end{array}$$

They had 384 ribbons altogether.