



3rd Basic
4th Advanced

Helping With Math

USA GRADES

Multiplication Involving Money

Suitable for students aged 7-9



This pack is suitable for learners aged 7-9 years old or 3rd to 4th graders (USA). The content covers fact files and relevant basic and advanced activities involving multiplication involving money.



Mr. Rodriguez sold Cinco de Mayo t-shirts in front of the church. The t-shirts costs \$10 each. He sold 4 shirts this morning and 9 shirts on the afternoon. How much did he earn in selling t-shirts?



$$\begin{array}{r} \$ 10 \\ \times \quad 4 \\ \hline 40 \end{array}$$

$$\begin{array}{r} \$ 10 \\ \times \quad 9 \\ \hline 90 \end{array}$$



$$\begin{array}{l} \$40 + \$90 \\ = \$130 \end{array}$$

Multiplying money is same as multiplying whole numbers. When multiplying mone, always put the larger digit or amount on top, and the smaller number on the bottom.



US DOLLAR CENTS

PENNY

- It is a copper-plated zinc coin
- It has Abraham Lincoln on one side
- It is worth **1 cent**
- One penny can be written as 1¢ or \$0.01



NICKEL

- It is made of nickel and copper blend
- It is larger than a penny
- It is worth **5 cents**
- One nickel can be written as 5¢ or \$0.05



5 pennies = 1 nickel

- It is made of nickel and copper blend
- It is smaller than a penny or a nickel
- It has Franklin D. Roosevelt on the front
- It is worth **10 cents**
- One dime can be written as 10¢ or \$0.10

DIME



10 pennies = 1 dime
2 nickels = 1 dime

- It is made of cupronickel
- It has George Washington on the front
- It is worth **25 cents**
- One quarter can be written as 25¢ or \$0.25

QUARTER



25 pennies = 1 quarter
5 nickels = 1 quarter



US DOLLAR BILLS



One dollar bill

- It features President George Washington
- **\$1.00**



Two dollar bill

- It features an engraving of John Trumbull's painting
- **\$2.00**



Five dollar bill

- It features President Abraham Lincoln
- **\$5.00**



Ten dollar bill

- It features Alexander Hamilton
- **\$10.00**



Twenty dollar bill

- It features President Andrew Jackson
- **\$20.00**



Fifty dollar bill

- It features President Ulysses Grant
- **\$50.00**



One hundred dollar bill

- It features a portrait of Benjamin Franklin
- **\$100.00**



EXAMPLES

Let us multiply the bills!



$$\times 3 = 300$$



$$\times 9 =$$



$$\times 30 =$$

Try these!



$$\times 5 +$$



$$\times 8$$

50

+

40

= 90



TABLE OF ACTIVITIES

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GET CRAZY WITH TACOS

G3
Basic

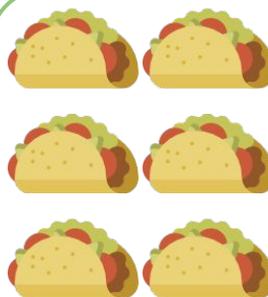
Enjoy the different appearance of tacos in the Taco Ville! Find the total cost of the items shown. Show your solution beside the given.

TACO VILLE

	----- \$8 ea		----- 3 for \$25
	----- 2 for \$15		----- \$11 ea



1. TOTAL: _____



2. TOTAL: _____



3. TOTAL: _____



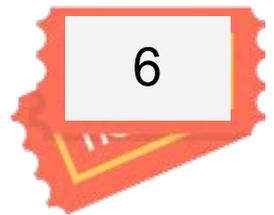
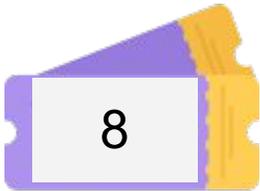
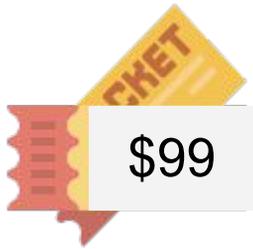
4. TOTAL: _____



CINCO DE MAYO SHOW TICKET

G3
Basic

Look and find for similar tickets below then answer the following questions.



1. Find the product of the blue tickets.

2. Find the product of the purple tickets.



3. Find the product of the yellow tickets.

4. Find the product of the red tickets.



THE BEST GUACAMOLE RECIPE

G3

Basic

A group of students will learn how to make the delicious guacamole! Help them buy the ingredients by answering and solving the problems below. Show your solution.

1. Winston purchases eighty-six avocados. What is the cost?

2. Maggie purchases one hundred thirty-two tomatoes. What is the cost?

3. Jo purchases ninety-seven onions. What is the cost?

4. Alex purchases one hundred three chili peppers. What is the cost?



HERE COMES THE BAND

G3
Basic

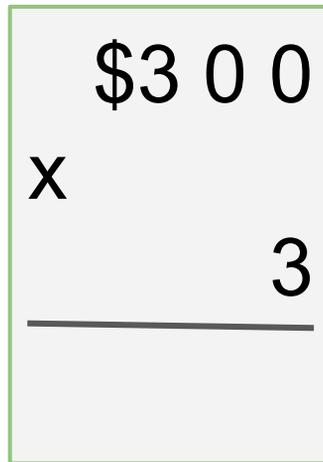
The band you are all waiting for is now finally here!! Witness their talent by answering the money multiplication below within 3 minutes. Hurry!



\$250

x

3



\$300

x

3



\$170

x

5



\$290

x

2



\$180

x

4



\$125

x

8



HOORAY TO THE MEXICAN ARMY

G3
Basic

Here comes the Mexican Army! Let their heroism be known by identifying the multiplication sentence applicable to the following product. Cut and paste your answer on the space provided.

1. The product produced is \$825. What is the multiplication sentence?

2. What is the multiplication sentence that will result to \$1,200?

3. The multiplication sentence that resulted with a product of \$1,050?

4. The product is \$600. The multiplication sentence is?



$$\$275 \times 3$$

$$\$300 \times 4$$



$$\$150 \times 4$$



$$\$280 \times 5$$



$$\$80 \times 2$$

$$\$175 \times 6$$



HOW MUCH DOES CORN-AVOCADO SALSA COST?

G4
Advanced

The Hernandez' will make a salsa! Buy the ingredients by solving the questions below. Show your solution.



1. Meredith buys 2 onions, 3 corns, and 3 bell peppers for her salsa. What is her total cost?

2. Cristina buys 5 avocados for her salsa. Her friend buys 7 cumin seeds. What is their total cost?

3. Izzie buys 6 avocados while Alex buys 3 onions. What is the difference of their total cost?

4. George buys 4 corns while Callie buys 1 bell pepper. What is the difference of their total cost?



CINCO DE MAYO PARADE

G4
Advanced

Guess the word related to Cinco de Mayo by performing the indicated operations.



\$515

\$550

\$1,420

\$1,060

\$200

\$360



BATTLE OF

$$\begin{array}{r} \$100 \times 3 \\ + \\ \$10 \times 5 \\ + \\ \$5 \times 2 \\ \hline \end{array}$$

A

$$\begin{array}{r} \$275 \times 1 \\ + \\ \$125 \times 5 \\ + \\ \$80 \times 2 \\ \hline \end{array}$$

B

$$\begin{array}{r} \$300 \times 2 \\ + \\ \$150 \times 5 \\ + \\ \$10 \times 7 \\ \hline \end{array}$$

E

$$\begin{array}{r} \$300 \times 3 \\ - \\ \$100 \times 5 \\ - \\ \$50 \times 4 \\ \hline \end{array}$$

L

$$\begin{array}{r} \$275 \times 4 \\ - \\ \$180 \times 2 \\ - \\ \$75 \times 3 \\ \hline \end{array}$$

P

$$\begin{array}{r} \$100 \times 6 \\ - \\ \$10 \times 4 \\ - \\ \$5 \times 2 \\ \hline \end{array}$$

U



CINCO DE MAYO CELEBRATION

G4
Advanced

Get a chance to watch the Cinco de Mayo Celebration by answering the word problems correctly. Analyze it carefully and show your solution.

1. On this day of celebration of Cinco de Mayo, Mr. De Jesus was able to sell 45 pieces of tortillas whose price is \$3 each. He also sold 50 pieces of refreshing fruit juice that costs \$ 2 each. How much is his total earnings today?



2. Mario has 64 pieces of Cinco de Mayo shirts to be sold today. He also has 80 pieces of keychains. If a piece of shirt costs \$ 4 and a keychain is \$ 1, what would be his total earning if everything will be sold out today?



THE BEST TORTILLA CHIPS IN TOWN

G4
Advanced

Ellis and Adele are going to compete for the best homemade tortilla chip in town! Compute their total bills shown in the receipt and answer the question.



----- \$5.00 x 49



----- \$9.00 x 16



----- \$3.00 x 16

TOTAL:



----- \$5.00 x 58



----- \$9.00 x 10



----- \$3.00 x 17

TOTAL:

Ellis



Adele



Question: Who has a higher total cost? Why?



CINCO DE MAYO EXPERIENCE

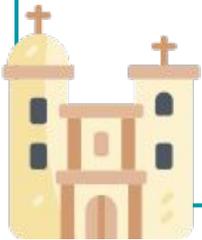
G4
Advanced

Aside from your experience of celebrating Cinco de Mayo, into what life events we can also use multiplication of money?

1. Give three life celebrations where this lesson can be applied.



2. Why is it important to learn multiplication involving money? What good thing can it cause you?



3. Did you enjoy this lesson? Share your enjoyable moment/s while learning this lesson.



ANSWER GUIDE

Activity 1

- | | |
|---------|----------|
| 1. \$44 | 3. \$100 |
| 2. \$45 | 4. \$64 |

Activity 2

- | | |
|------------|------------|
| 1. \$276 | 3. \$891 |
| 2. \$1,384 | 4. \$1,698 |

Activity 3

- | | |
|----------|----------|
| 1. \$258 | 3. \$194 |
| 2. \$264 | 4. \$412 |

Activity 4

- | | |
|----------|------------|
| 1. \$750 | 4. \$580 |
| 2. \$900 | 5. \$720 |
| 3. \$850 | 6. \$1,000 |

Activity 5

1. $\$275 \times 3$ 2. $\$300 \times 4$ 3. $\$175 \times 6$ 4. $\$150 \times 4$

Activity 6

- | | |
|---------|---------|
| 1. \$46 | 3. \$12 |
| 2. \$64 | 4. \$11 |

Activity 7

- | | |
|------------|----------|
| A= \$360 | L= \$200 |
| B= \$1,060 | P= \$515 |
| E= \$1,420 | U= \$550 |

Activity 8

1. $45 \times \$3 = \135
 $50 \times \$2 = \100
 $\$135 + \$100 = \$235$
2. $64 \times \$4 = \256
 $80 \times \$1 = \80
 $\$256 + \$80 = \$336$

Activity 9

- Ellis= \$437 Adele= \$431

Activity 10

Answers may vary.



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