

Multiply in columns - 2 digit by 2 digit

Grade 4 Multiplication Worksheet

Find the product.



Multiply in columns - 2 digit by 3 digit

Grade 4 Multiplication Worksheet

Find the product.

Name	Date

1. Solve using each method.

Pa	rtial Products	Standard Algorithm
a.	4 6	4 6
	<u>× 2</u>	<u>× 2</u>

Pa	artial Products	Standard Algorithm
b.	3 1 5	3 1 5
	<u>× 4</u>	<u>× 4</u>

2. Solve using the standard algorithm.

a.		2	3	2	b.		1	4	2	C.		3	1	4
	×			4		×			<u>6</u>		×			7
										_				
d.		4	4	0	e.		5	0	7	f.		3	8	4
	×			3		×			8		×			9



Lesson 9:

Multiply three- and four-digit numbers by one-digit numbers applying the standard algorithm.



3. What is the product of 8 and 54	3.	What i	s the	product	of 8	and	54
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4. Isabel earned 350 points while she was playing Blasting Robot. Isabel's mom earned 3 times as many points as Isabel. How many points did Isabel's mom earn?

5. To get enough money to go on a field trip, every student in a club has to raise \$53 by selling chocolate bars. There are 9 students in the club. How much money does the club need to raise to go on the field trip?

Multiply three- and four-digit numbers by one-digit numbers

applying the standard algorithm.



Lesson 9:

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6. Mr. Meyers wants to order 4 tablets for his classroom. Each tablet costs \$329. How much will all four tablets cost?

7. Amaya read 64 pages last week. Amaya's older brother, Rogelio, read twice as many pages in the same amount of time. Their big sister, Elianna, is in high school and read 4 times as many pages as Rogelio did. How many pages did Elianna read last week?



Lesson 9:

Multiply three- and four-digit numbers by one-digit numbers applying the standard algorithm.

Name _	Date	
_		

Solve using the standard algorithm.

Solve using the standard digoritimi.	
a. 3 × 41	b. 9 × 41
c. 7 × 143	d. 7×286
e. 4 × 2,048	f. 4 × 4,096
g. 8 × 4,096	h. 4 × 8,192



Lesson 10:

Objective: Multiply three- and four-digit numbers by one-digit numbers applying the standard algorithm.



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2.	Robert's family brings six gallons of water for the players on the football team.	If one gallon of water
	contains 128 fluid ounces, how many fluid ounces are in six gallons?	

3. It takes 687 Earth days for the planet Mars to revolve around the sun once. How many Earth days does it take Mars to revolve around the sun four times?

4. Tammy buys a 4-gigabyte memory card for her camera. Dijonea buys a memory card with twice as much storage as Tammy's. One gigabyte is 1,024 megabytes. How many megabytes of storage does Dijonea have on her memory card?



Lesson 10:

Objective: Multiply three- and four-digit numbers by one-digit numbers applying the standard algorithm.



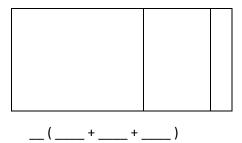
Name _____ Date _____

1. Solve the following expressions using the standard algorithm, the partial products method, and the area model.

202 0	
a. 302 × 8	
	8 (300 + 2)
	(8 ×) + (8 ×)
b. 216 × 5	
	5 (+)
	(×) + (×) + (×)

	- (
(×)+(_×	_)+(_	_×)

c. 593×9



(__×___)+(__×___)+(__×___)

Lesson 11:

Connect the area model and the partial products method to the standard algorithm.



2.	Solve	using	the	partial	products	method.

On Monday, 475 people visited the museum. On Saturday, there were 4 times as many visitors as there were on Monday. How many people visited the museum on Saturday?

3. Model with a tape diagram and solve.

6 times as much as 384

Solve using the standard algorithm, the area model, the distributive property, or the partial products method.

4. $6,253 \times 3$



Lesson 11:

Connect the area model and the partial products method to the standard algorithm.



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5. 7 times as many as 3,073

6. A cafeteria makes 2,516 pounds of white rice and 608 pounds of brown rice every month. After 6 months, how many pounds of rice does the cafeteria make?



Lesson 11:

Connect the area model and the partial products method to the standard algorithm.



Name	Date	
		_

Use the RDW process to solve the following problems.

1. The table shows the number of stickers of various types in Chrissy's new sticker book. Chrissy's six friends each own the same sticker book. How many stickers do Chrissy and her six friends have altogether?

Type of Sticker	Number of Stickers
flowers	32
smiley faces	21
hearts	39

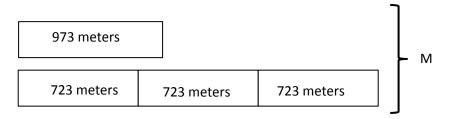
2. The small copier makes 437 copies each day. The large copier makes 4 times as many copies each day. How many copies does the large copier make each week?

3. Jared sold 194 Boy Scout chocolate bars. Matthew sold three times as many as Jared. Gary sold 297 fewer than Matthew. How many bars did Gary sell?

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Write an equation that would allow someone to find the value of M. 4. a.



Write your own word problem to correspond to the tape diagram, and then solve.

