

Unit Review (page 1 of 2)

$$20 \times 90 =$$
 $48 \times 6 =$ $372 \times 6 =$
$$52 \times 17 =$$

			8	7
×			4	6
+				

Multiplication

Unit Review (page 2 of 2)

7. Round each factor to its greatest place. Is the answer reasonable?

$$27 \times 52 = 1,404 \quad \text{Yes} \quad \text{No}$$

Estimate _____ $\times$ _____ = _____

$$813 \times 4 = 32,520 \quad \text{Yes} \quad \text{No}$$

Estimate _____ $\times$ _____ = _____

8. Write an equation with a letter for the unknown. Solve.

A train has **14** cars. Each car has **64** seats. How many seats are on the train?

Equation _____
_____ seats

9. Write an equation with a letter for the unknown. Solve.

A small fish tank holds **125** liters. A big tank holds **6** times as much. How many liters does the big tank hold?

Equation _____
_____ liters

10. Multiply.

			2	5	9
$\times$				3	4
$+$					

Multiplication

Unit Review (page 1 of 2)

1. Multiply.

$$45 \times 1,000 = \underline{45,000}$$

$$3 \times 900 = \underline{2,700}$$

$$8 \times 5,000 = \underline{40,000}$$

$$20 \times 90 = \underline{1,800}$$

Lesson 4.1 · Multiply by 10, 100 and 1,000

2. Fill in the area model. Then multiply.

	40	8
6	<u>240</u>	<u>48</u>

$$48 \times 6 = \underline{288}$$

Lesson 4.2 · 2-digit times 1-digit

3. Fill in the area model. Then multiply.

	300	70	2
6	<u>1,800</u>	<u>420</u>	<u>12</u>

$$372 \times 6 = \underline{2,232}$$

Lesson 4.3 · 3- and 4-digit times 1-digit

4. Multiply with the standard algorithm.

			1	2					
			4	5	9				
x								3	
			1	3	7	7			

			1	2	4				
			4	1	2	6			
x								8	
			3	3	0	0	8		

Lesson 4.4 · The standard algorithm

5. Fill in the area model. Then multiply.

	50	2
10	<u>500</u>	<u>20</u>
7	<u>350</u>	<u>14</u>

$$52 \times 17 = \underline{884}$$

Lesson 4.5 · 2-digit times 2-digit: area models

6. Multiply each way.

Partial products

			6	3
x			2	5
			1	5
		3	0	0
			6	0
+	1	2	0	0
	1	5	7	5

Standard algorithm

			2	
			4	
			8	7
x			4	6
			5	2
		5	2	2
+	3	4	8	0
	4	0	0	2

Lesson 4.6 · 2-digit times 2-digit in a column

Multiplication

Unit Review (page 2 of 2)

7. Round each factor to its greatest place. Is the answer reasonable?

$$27 \times 52 = 1,404$$

Yes No

Estimate $\underline{30} \times \underline{50} = \underline{1,500}$

$$813 \times 4 = 32,520$$

Yes No

Estimate $\underline{800} \times \underline{4} = \underline{3,200}$

Lesson 4.8 · Estimate products

8. Write an equation with a letter for the unknown. Solve.

A train has **14** cars. Each car has **64** seats. How many seats are on the train?

Equation $\underline{14 \times 64 = s}$

One way

896 seats

Lesson 4.9 · Multiplication stories

9. Write an equation with a letter for the unknown. Solve.

A small fish tank holds **125** liters. A big tank holds **6** times as much. How many liters does the big tank hold?

Equation $\underline{6 \times 125 = t}$

One way

750 liters

Lesson 4.9 · Multiplication stories

10. Multiply.

			1	2	
			2	3	
		2	5	9	
×			3	4	
		1	0	3	6
+		7	7	7	0
		8	8	0	6

Lesson 4.7 · 3-digit times 2-digit