Name _ Date _ enVision Math 4.1 - Relate Multiplication to Division Practice Complete each fact family. 2. 9 × ____ = 54 I. 3 × ____ = I5 I5 ÷ 3 = ____ 54 ÷ 9 = ____ 5 × ____ = I5 6 × ____ = 54 I5 ÷ 5 = ____ 54 ÷ 6 = ____ Write the fact family. 3. Write the fact family 4. Write the fact family for 7, 4, and 28. for 4, 5, and 20. 5. Write the fact family 6. Write the fact family for 10, 5, and 50. for 2, 9, and 18. 8. Write the fact family 7. Write the fact family for 3, 4, and 12. for 1, 8, and 8.



enVision Math 4.1 - Relate Multiplication to Division Practice <u>Answer Key</u>

Complete each fact family.

I. $3 \times 5 = 15$ $15 \div 3 = 5$ $5 \times 3 = 15$ $15 \div 5 = 3$

Write the fact family.

- 3. Write the fact family for 4, 5, and 20.
 4 × 5 = 20; 5 × 4 = 20; 20 ÷ 4 = 5; 20 ÷ 5 = 4
- 5. Write the fact family for 10, 5, and 50.
 5 × 10 = 50; 10 × 5 = 50; 50 ÷ 5 = 10; 50 ÷ 10 = 5
- 7. Write the fact family for 3, 4, and 12.
 3 × 4 = 12; 4 × 3 = 12;
 12 ÷ 3 = 4; 12 ÷ 4 = 3

- 2. $9 \times 6 = 54$ $54 \div 9 = 6$ $6 \times 9 = 54$ $54 \div 6 = 9$
- 4. Write the fact family for 7, 4, and 28.
 4 × 7 = 28; 7 × 4 = 28; 28 ÷ 4 = 7; 28 ÷ 7 = 4
- 6. Write the fact family for 2, 9, and 18.
 2 × 9 = 18; 9 × 2 = 18; 18 ÷ 2 = 9; 18 ÷ 9 = 2
- 8. Write the fact family for I, 8, and 8.
 I × 8 = 8; 8 × I = 8;
 8 ÷ I = 8; 8 ÷ 8 = I

Name	# Date
<u>enVision Math 4.1 – F</u>	Relate Multiplication and Division Pro
Use the relationship bet each equation.	ween multiplication and division to com
l. 3 × = I5	2. 9 × = 54
I5 ÷ 3 =	54 ÷ 9 =
Write the fact family.	
3. Write the fact family for 4, 5, and 20.	4. Write the fact family for 7, 4, and 28.
5. Write the fact family for 10, 5, and 50.	6. Write the fact family for 2, 9, and 18.
7. Write the fact family for 3, 4, and 12.	8. Write the fact family for I, 8, and 8.



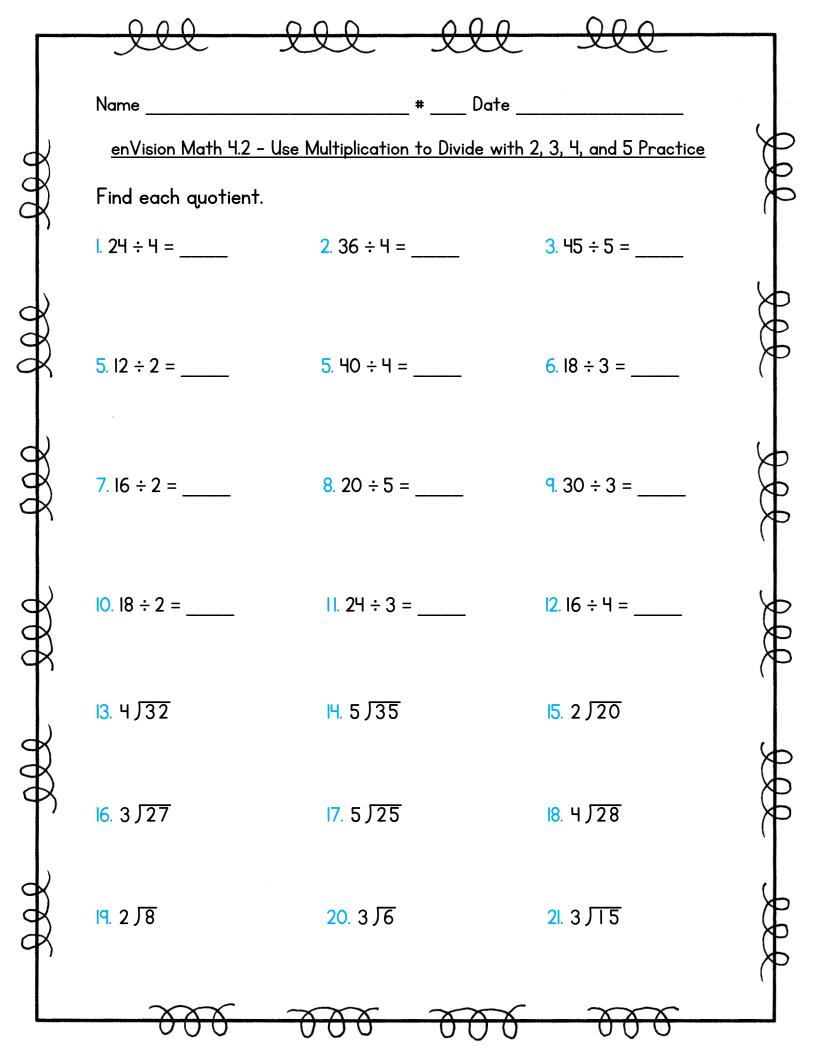
enVision Math 4.1 – Relate Multiplication and Division Practice Answer Key

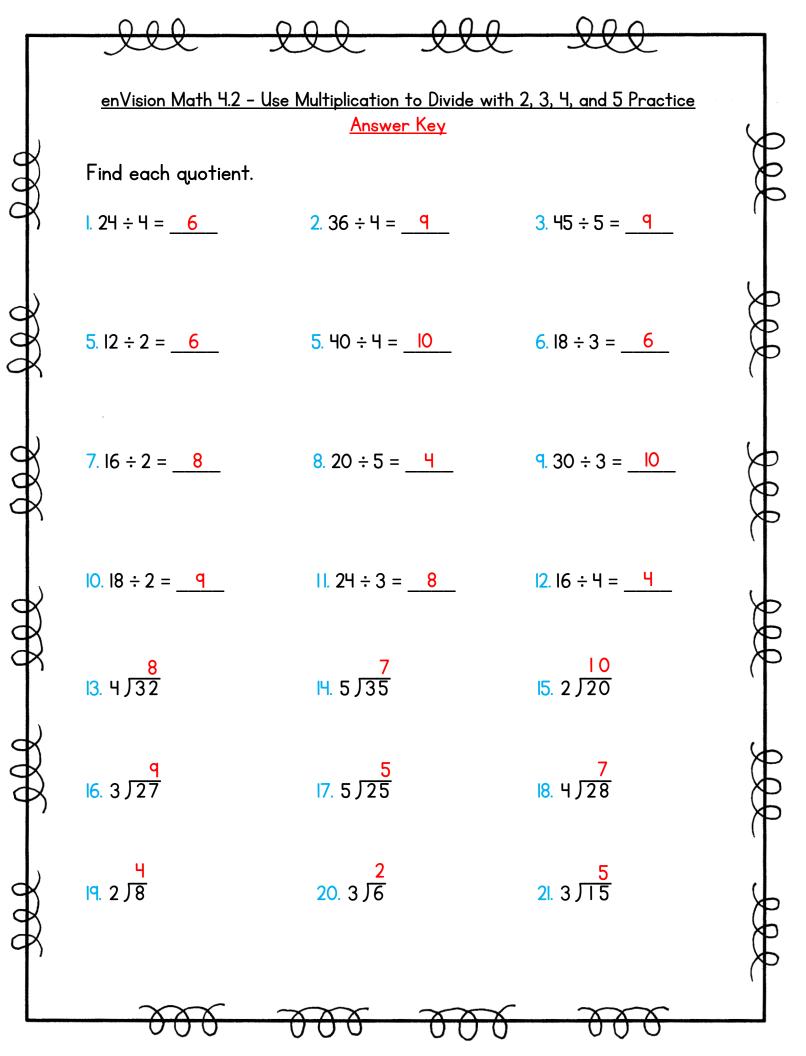
Use the relationship between multiplication and division to complete each equation.

- $\begin{array}{c} 1. \ 3 \times \underline{5} = 15 \\ 15 \div 3 = \underline{5} \\ 5 \times \underline{3} = 15 \\ 15 \div 5 = \underline{3} \end{array}$
- Write the fact family.
- 3. Write the fact family for 4, 5, and 20.
 4 × 5 = 20; 5 × 4 = 20; 20 ÷ 4 = 5; 20 ÷ 5 = 4
- 5. Write the fact family for 10, 5, and 50.
 5 × 10 = 50; 10 × 5 = 50; 50 ÷ 5 = 10; 50 ÷ 10 = 5
- 7. Write the fact family for 3, 4, and 12.
 3 × 4 = 12; 4 × 3 = 12; 12 ÷ 3 = 4; 12 ÷ 4 = 3

2. $9 \times 6_{-} = 54$ $54 \div 9 = 6_{-}$ $6 \times 9_{-} = 54$ $54 \div 6 = 9_{-}$

- 4. Write the fact family for 7, 4, and 28.
 4 × 7 = 28; 7 × 4 = 28; 28 ÷ 4 = 7; 28 ÷ 7 = 4
- 6. Write the fact family for 2, 9, and 18.
 2 × 9 = 18; 9 × 2 = 18; 18 ÷ 2 = 9; 18 ÷ 9 = 2
- 8. Write the fact family for I, 8, and 8.
 I × 8 = 8; 8 × I = 8;
 8 ÷ I = 8; 8 ÷ 8 = I

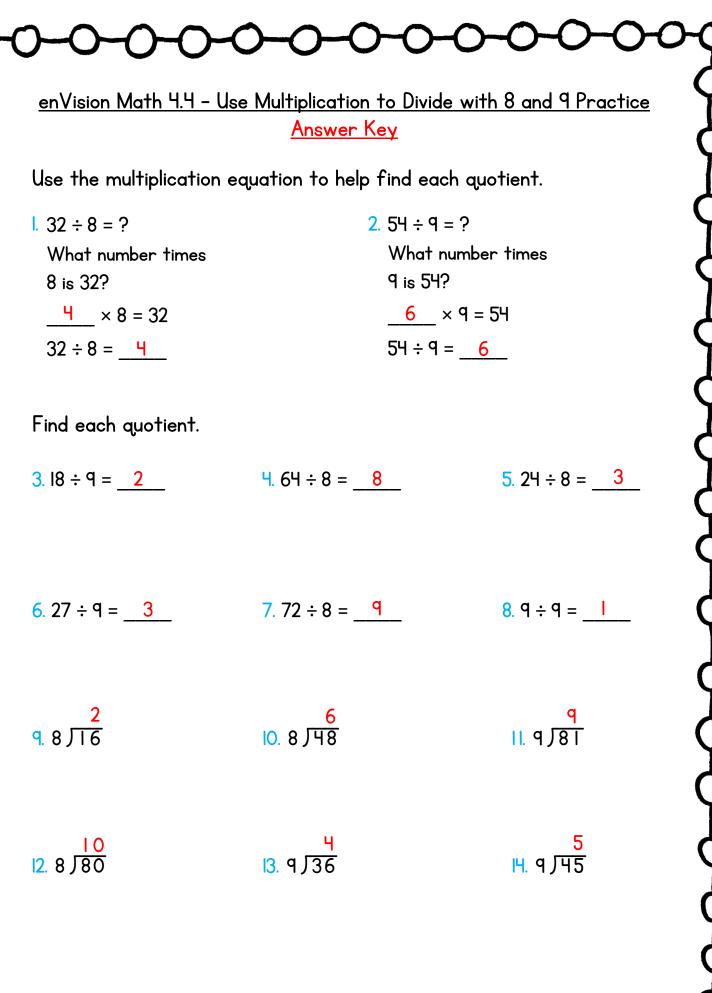




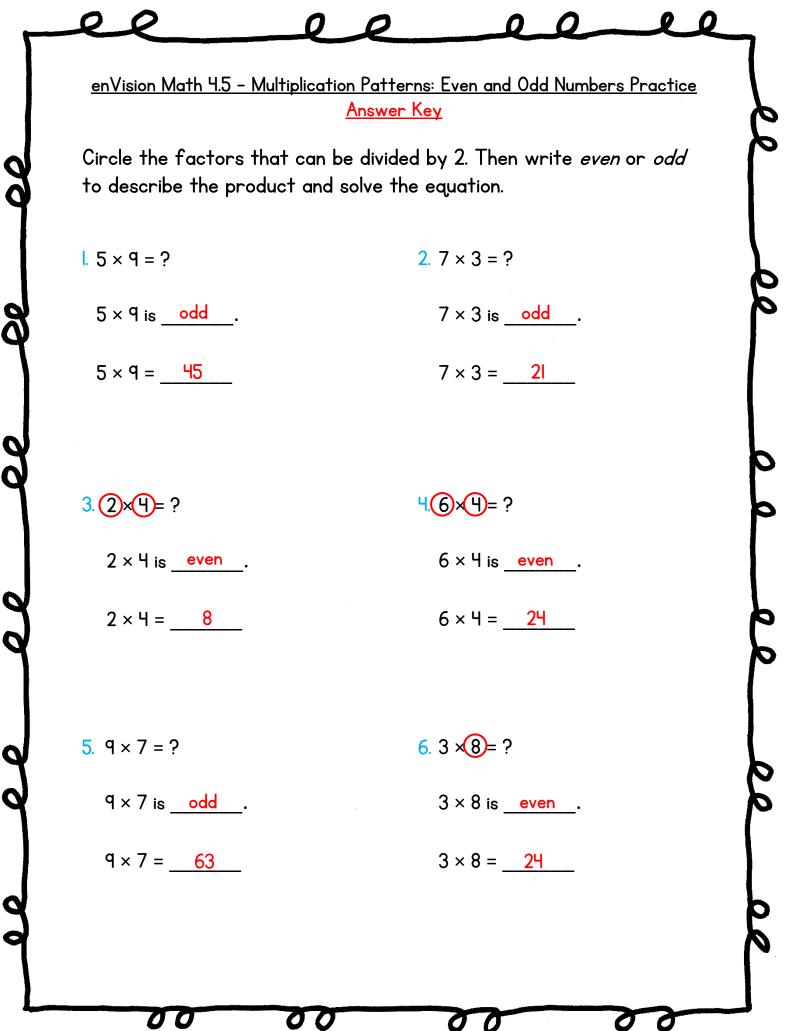
Name	 *	Date
<u>enVision Math 4.3 – Us</u>	se Multiplication to	o Divide with 6 and 7 Practice
Use related multiplicat	ion and division fa	cts to find the quotient.
 1. 28 ÷ 7 = ? What number times 7 is 28? 7 × = 28 28 ÷ 7 = 		12 ÷ 6 = ? What number times 6 is 12? 6 × = 12 12 ÷ 6 =
<u>3</u> . 7 रिभव	Ч. 6 Ј 5 Ч	<u>5</u> . 5 <u>J</u> 35
<u>6.</u> 7 <u>J 2 I</u>	7 . 6 J <u>36</u>	<u>8</u> .7 <u>√63</u>
9.6J24	Ю. 6 <u>ЈЧ8</u>	II. 7 J7
12. Find 42 divided by 6.	13	Find 70 divided by 7.
H. Divide 56 by 7.	15	Divide 18 by 6.
<u></u>		┎╌╍┎╌╍

enVision Math 4.3 – Us	e Multiplication Answer K	to Divide with 6 and 7 Practice		
Use related multiplication and division facts to find the quotient.				
 1. 28 ÷ 7 = ? What number times 7 is 28? 7 × 4 = 28 28 ÷ 7 = 4 	2	2. $ 2 \div 6 = ?$ What number times 6 is $ 2?$ $6 \times 2 = 2$ $ 2 \div 6 = 2$		
<mark>7</mark> 3. 7 J मेव	<mark>9</mark> Ч. 6 Ј 5 Ч	<mark>7</mark> 5.5∫35		
<mark>6</mark> . 7 J2 I	7.6∫36	<mark>9</mark> 8.7∫63		
<mark>Ҷ</mark> ۹. 6 ∫2Ӵ	<mark>8</mark> Ю. 6 √48	<mark> </mark> . 7 J 7		
12. Find 42 divided by 6. 7		13. Find 70 divided by 7. 10		
H. Divide 56 by 7. 8		15. Divide 18 by 6. 3		

lame	# Do	ate
enVision Math 4.4 -	Use Multiplication to Div	vide with 8 and 9 Practice
lse the multiplicatic	n equation to help find e	each quotient.
32 ÷ 8 = ? What number times 8 is 32?	2. 54 ÷ Who 9 is 5	t number times
× 8 = 32 32 ÷ 8 =		_ × 9 = 54 9 =
ind each quotient.		
. 18 ÷ 9 =	Ч. 6Ч÷8 =	5. 24 ÷ 8 =
27 ÷ 9 =	7. 72 ÷ 8 =	<mark>8</mark> . q ÷ q =
8 / 16	Ю. 8 <u>/</u> Ч8	II. 9J <u>8</u> T
2. 8 580	<mark>13</mark> . 9∫36	<u>н.</u> 9 <u>Ј</u> ч 5

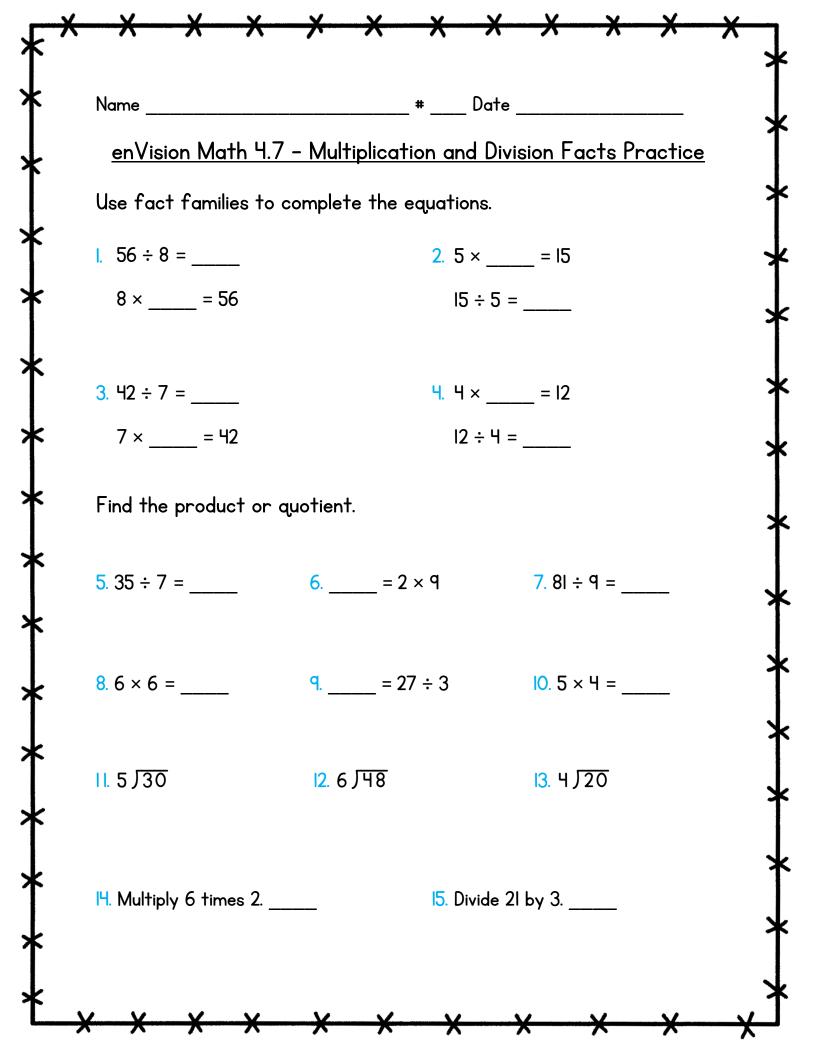


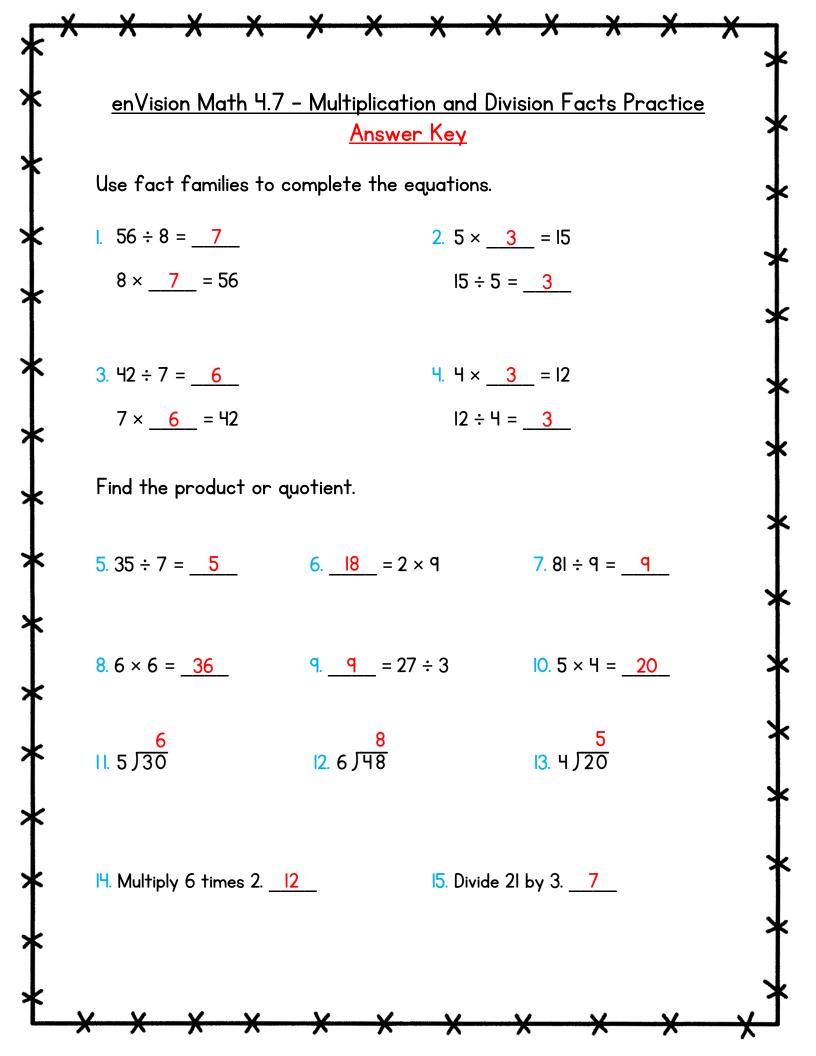
ee	le le
Name	# Date
<u>enVision Math 4.5 - Mul</u>	tiplication Patterns: Even and Odd Numbers Practice
	it can be divided by 2. Then write <i>even</i> or <i>odd</i> ct and solve the equation.
l. 5 × 9 = ?	2. 7 × 3 = ?
5 × 9 is	7 × 3 is
5 × 9 =	7 × 3 =
3. 2 × 4 = ?	Ч. 6 × Ч = ?
2 × 4 is	6 × Ч іѕ
2 × 4 =	6 × 4 =
5 7 7 0	
5. 9 × 7 = ?	6. 3 × 8 = ?
9 × 7 is	3 × 8 is
9 × 7 =	3 × 8 =
00	00 00 00



Name		Date	
<u>enVision Math</u>	<u>4.6 - Division Inv</u>	olving 0 and 1 Practice	
Solve the multiplicatio	on equation to find	each quotient.	
I. Find 8 ÷ 8.	2.	Find 0 ÷ 5.	
8 × = 8		5 × = 0	
So, 8 ÷ 8 =		So, 0 ÷ 5 =	
Find each quotient.			
3. 7 ÷ l =	<mark>4</mark> . 9 ÷ 9 =	5. 0 ÷ 2 =	
6. 8 ÷ 8 =	7. 0 ÷ 3 =	<mark>8</mark> . 6 ÷ l =	
<u>9</u> . । रप	10. 16 J 16	II. I J <u>50</u>	
12. Find 2 divided by I.		13. Find O divided by 4.	
14. Find 5 divided by 5.		15. Find 7 divided by 7.	

	enVision Math 4.6 – Division Involving 0 and 1 Practice <u>Answer Key</u>					
•	Solve the multiplication equation to find each quotient.					
	I. Find 8 ÷ 8.	2. Find 0 ÷ 5.				
	8 × <u> </u> = 8	5 × <u>0</u> = 0		5		
	So, 8 ÷ 8 =	So, 0 ÷ 5 = <u>0</u> .		2		
	Find each quotient.			Ş		
	3. 7 ÷ I = <u>7</u>	Ч. 9 ÷ 9 =I	5. 0 ÷ 2 =	Ş		
				3		
•	6. 8 ÷ 8 =	7. 0 ÷ 3 =	8. 6 ÷ I = <u>6</u>	ζ		
•	<mark>Ч</mark> 9. ЈЧ	 0. 6∫ 6	<mark>50</mark> 11. ∫50	Ş		
	12. Find 2 divided by I.		13. Find O divided by 4.	ξ		
	2		0	2		
•				5		
	H. Find 5 divided by 5.		15. Find 7 divided by 7.	3		
	<u> </u>		<u> </u>	ξ		
~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					





Name _

_ # ____ Date ___

enVision Math 4.8 - Solve Multiplication and Division Equations Practice

Find the value for ? that makes the equation true.

I. $? \div 6 = 5$ **2.** $27 = 9 \times ?$ **3.** $42 = ? \times 7$ **4.** $3 = 12 \div ?$

Write and solve an equation that represents the problem.

- 5. Robbie has 28 pictures. He puts them in albums with the same number of pictures in each album. In all, he has 4 albums. How many pictures are in each album? Use ? to represent the number of pictures in each album.
- 6. There were some bicycles in a garage. Each bicycle had 2 wheels. There were 16 wheels in the garage. How many bicycles were in the garage? Use ? to represent the number of bicycles in the garage.

- At a party, there were 72 slices of pizza. Each pizza has 8 slices. How many pizzas were at the party? Use ? to represent the number of pizzas.
- There were 5 flowers in a vase. Each flower had the same number of petals. There were 25 petals. How many petals were on each flower? Use ? to represent the number of petals on each flower.

enVision Math 4.8 – Solve Multiplication and Division Equations Practice
<u>Answer Key</u>

Find the value for ? that makes the equation true.

. ? ÷ 6 = 5	2. 27 = 9 × ?	3. 42 = ? × 7	4 . 3 = I2 ÷ ?
30	3	6	Ч

Write and solve an equation that represents the problem.

- 5. Robbie has 28 pictures. He puts them in albums with the same number of pictures in each album. In all, he has 4 albums. How many pictures are in each album? Use ? to represent the number of pictures in each album. Sample answer: 4 = 28 ÷ ?; ? = 7 pictures
- 7. At a party, there were 72 slices of pizza. Each pizza has 8 slices. How many pizzas were at the party? Use ? to represent the number of pizzas.
 Sample answer: 72 ÷ 8 = ?;
 - ? = 9 pizzas

6. There were some bicycles in a garage. Each bicycle had 2 wheels. There were 16 wheels in the garage. How many bicycles were in the garage? Use ? to represent the number of bicycles in the garage.

Sample answer: ? × 2 = 16; ? = 8 bicycles

 There were 5 flowers in a vase. Each flower had the same number of petals. There were 25 petals. How many petals were on each flower? Use ? to represent the number of petals on each flower.

Sample answer: 5 × ? = 25; ? = 5 petals Name

* Date

enVision Math 4.9 - Make Sense and Persevere Practice

Three friends went out for ice cream. They got 3 scoops each. The cost was \$2 per scoop. How much money did the friends spend on ice cream? Explain.

I. Tell what you know. Then explain what you need to find first to solve the problem.

2. Tell which operations you will use. Then solve the problem.

3. How can you check that your work is correct?

enVision Math 4.9 - Make Sense and Persevere Practice <u>Answer Key</u>

Three friends went out for ice cream. They got 3 scoops each. The cost was \$2 per scoop. How much money did the friends spend on ice cream? Explain.

I. Tell what you know. Then explain what you need to find first to solve the problem.

3 friends, 3 scoops each, \$2 per scoop; First I need to find the number of scoops they got in all.

2. Tell which operations you will use. Then solve the problem.

Sample answer: Multiplication; $3 \times 3 = 9$, so there were 9 scoops in all. $9 \times $2 = 18 . The friends spent \$18 on ice cream.

3. How can you check that your work is correct?

Sample answer: I can multiply the factors in a different order. $2 \times 9 = 88$