Name _____

Reteaching
7-3

Finding Missing Numbers in a Multiplication Table

Find 24 ÷ 6.

You can think of a division problem as a multiplication fact with a missing factor.

Write a missing factor equation.

$24 \div 6 = n$ $\quad$ $6 \times n = 24$

6 times what number equals 24?

Use a multiplication table. Follow the steps.

1. Find the factor you know, 6, in the first column of the table.
2. Go across the row to the product, 24.
3. Go straight to the top of that column. The number at the top of the column is 4. The missing factor is 4.

   $24 \div 6 = 4 \quad n = 4$

missing factor

X	0	1	2	3	4
0	0	0	0	0	0
1	0	1	2	3	4
2	0	2	4	6	8
3	0	3	6	9	12
4	0	4	8	12	16
5	0	5	10	15	20
6	0	6	12	18	**24**

factor $\quad$ product

Use a multiplication table to find the value for *n* that makes the equation true.

1. $8 \div 2 = n$ _____

2. $12 \div 4 = n$ _____

3. $15 \div 5 = n$ _____

4. $10 \div 5 = n$ _____

5. $20 \div 4 = n$ _____

6. $30 \div 5 = n$ _____

7. Communicate How can you use a multiplication table to find 16 ÷ 4?

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