Name _____

Lesson 5.1 Reteach

Example Identify the property shown by the pattern in the multiplication table.

Show the pattern of the products.

2 + 6 = 8

4 + 12 = 16

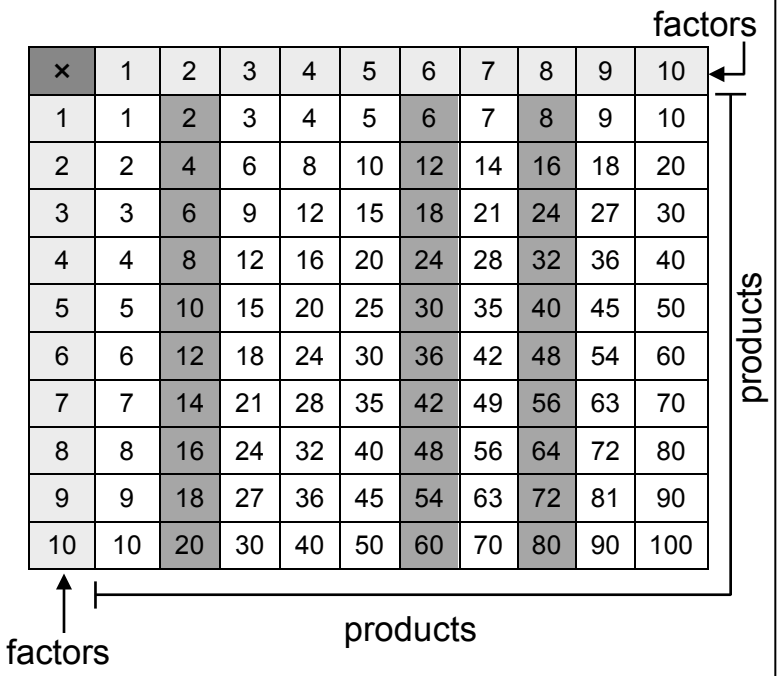
6 + 18 = 24

Use the factors (with 8 = 2 + 6) to rewrite each product.

(1 × 2) + (1 × 6) = 1 × (2 + 6)

(2 × 2) + (2 × 6) = 2 × (2 + 6)

(3 × 2) + (3 × 6) = 3 × (2 + 6)



×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Each equation shows the Distributive Property with addition.

1. Identify the property shown by the pattern of the shaded products in the multiplication table.

Show the pattern of the products.

Use the factors (with 7 = 2 + 5) to rewrite each product.

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

What property is shown by each equation?

Name _____

Lesson 5.2 Reteach

Example

Use the multiplication table to find 4 × 5.

4 × 5 = 20

row **column**

Example

Use the multiplication table to find 63 ÷ 7.

In the row for 7, look for 63.

63 ÷ 7 = 9

row **column**

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	32	36	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Use the multiplication table.

1. 5 × 3 = _____

2. 2 × 7 = _____

3. 8 × 4 = _____

4. 45 ÷ 9 = _____

9 × _____ = 45

5. 42 ÷ 7 = _____

7 × _____ = 42

6. 81 ÷ 9 = _____

9 × _____ = 81

7. 30 ÷ 3 = _____

3 × _____ = 30

8. 24 ÷ 8 = _____

8 × _____ = 24

9. 35 ÷ 5 = _____

5 × _____ = 35

Name _____

Lesson 5.3 Reteach

Example Complete the table.

×	2	5	
	6	15	
4			32
7			

Step 1: Use multiplication or division to find the missing factors.

$4 \times \underline{8} = 32$ or $32 \div \underline{8} = 4$

$\underline{3} \times 2 = 6$ or $6 \div 2 = \underline{3}$

Step 2: Use multiplication to find the missing products.

$4 \times 2 = \underline{8}$ $\quad 7 \times 2 = \underline{14}$

$4 \times 5 = \underline{20}$ $\quad 7 \times 5 = \underline{35}$

$3 \times 8 = \underline{24}$ $\quad 7 \times 8 = \underline{56}$

×	2	5	8
3	6	15	24
4	8	20	32
7	14	35	56

Complete the table.

1.

×	3	5	☐
☐		10	14
4			28
6			

2.

×	☐	☐	8
4		24	
☐	21		
8	24		

3.

×	☐	7	9
1			
2	4		
☐		63	
☐			90

4.

×	☐	☐	10
3	12		
☐			50
8		64	
☐	36		

Name _____

Lesson 5.4 Reteach

Example There are 24 chairs in your classroom. They are arranged in 4 equal rows. How many chairs are in each row?

Understand the problem:

What do you know?

Hint: Look for the numbers in the problem.

- There are 24 chairs.
- They are arranged in 4 equal rows.

What do you need to find?

Hint: Look for the question in the problem.

- You need to find how many chairs are in each row.

Make a plan:

How will you solve?

- Divide 24 by 4 to find how many chairs are in each row.

Solve:

Use the multplication table.

- $24 \div 4 = 6$

There are 6 chairs in each row.

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	32	36	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

1. There are 36 magazines at a doctor's office. They are stacked in 9 equal stacks. How many magazines are in each stack?