The 7 Times Table: Break It Apart

Use the fact you know to find the new one.

5 × 5 = ☐	2 × 5 = ☐	7 × 5 = ☐ + ☐ = ☐
5 × 9 = ☐	2 × 9 = ☐	7 × 9 = ☐ + ☐ = ☐
5 × 7 = ☐	2 × 7 = ☐	7 × 7 = ☐ + ☐ = ☐
5 × 4 = ☐	2 × 4 = ☐	7 × 4 = ☐ + ☐ = ☐
5 × 10 = ☐	2 × 10 = ☐	7 × 10 = ☐ + ☐ = ☐
5 × 3 = ☐	2 × 3 = ☐	7 × 3 = ☐ + ☐ = ☐
5 × 1 = ☐	2 × 1 = ☐	7 × 1 = ☐ + ☐ = ☐
5 × 8 = ☐	2 × 8 = ☐	7 × 8 = ☐ + ☐ = ☐
5 × 2 = ☐	2 × 2 = ☐	7 × 2 = ☐ + ☐ = ☐
5 × 6 = ☐	2 × 6 = ☐	7 × 6 = ☐ + ☐ = ☐

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The 7 Times Table: Break It Apart

Use the fact you know to find the new one.

5 × 8 = ☐	2 × 8 = ☐	7 × 8 = ☐ + ☐ = ☐
5 × 10 = ☐	2 × 10 = ☐	7 × 10 = ☐ + ☐ = ☐
5 × 2 = ☐	2 × 2 = ☐	7 × 2 = ☐ + ☐ = ☐
5 × 6 = ☐	2 × 6 = ☐	7 × 6 = ☐ + ☐ = ☐
5 × 1 = ☐	2 × 1 = ☐	7 × 1 = ☐ + ☐ = ☐
5 × 5 = ☐	2 × 5 = ☐	7 × 5 = ☐ + ☐ = ☐
5 × 7 = ☐	2 × 7 = ☐	7 × 7 = ☐ + ☐ = ☐
5 × 4 = ☐	2 × 4 = ☐	7 × 4 = ☐ + ☐ = ☐
5 × 9 = ☐	2 × 9 = ☐	7 × 9 = ☐ + ☐ = ☐
5 × 3 = ☐	2 × 3 = ☐	7 × 3 = ☐ + ☐ = ☐

The 7 Times Table: Mixed Facts

Write each answer.

$8 \times 7 =$ ☐

$6 \times 7 =$ ☐

$7 \times 2 =$ ☐

$4 \times 7 =$ ☐

$1 \times 7 =$ ☐

$3 \times 7 =$ ☐

$10 \times 7 =$ ☐

$7 \times 4 =$ ☐

$9 \times 7 =$ ☐

$5 \times 7 =$ ☐

$7 \times 1 =$ ☐

$7 \times 9 =$ ☐

$7 \times 7 =$ ☐

$7 \times 10 =$ ☐

$7 \times 7 =$ ☐

$7 \times 5 =$ ☐

$2 \times 7 =$ ☐

$7 \times 6 =$ ☐

$7 \times 3 =$ ☐

$7 \times 8 =$ ☐

The 7 Times Table: Mixed Facts

Write each answer.

$3 \times 7 =$ ☐

$7 \times 6 =$ ☐

$1 \times 7 =$ ☐

$7 \times 10 =$ ☐

$7 \times 4 =$ ☐

$7 \times 7 =$ ☐

$10 \times 7 =$ ☐

$7 \times 5 =$ ☐

$2 \times 7 =$ ☐

$7 \times 9 =$ ☐

$6 \times 7 =$ ☐

$7 \times 1 =$ ☐

$9 \times 7 =$ ☐

$7 \times 7 =$ ☐

$4 \times 7 =$ ☐

$7 \times 2 =$ ☐

$7 \times 8 =$ ☐

$5 \times 7 =$ ☐

$7 \times 3 =$ ☐

$8 \times 7 =$ ☐

The 7 Times Table: The Missing Number

Find the missing number.

$7 \times \square = 63$

$7 \times \square = 42$

$7 \times \square = 70$

$\square \times 7 = 56$

$\square \times 7 = 14$

$7 \times \square = 28$

$\square \times 7 = 42$

$\square \times 7 = 63$

$\square \times 7 = 35$

$\square \times 7 = 21$

$7 \times \square = 7$

$7 \times \square = 56$

$7 \times \square = 21$

$\square \times 7 = 70$

$\square \times 7 = 49$

$7 \times \square = 14$

$\square \times 7 = 28$

$7 \times \square = 49$

$\square \times 7 = 7$

$7 \times \square = 35$

The 7 Times Table: The Missing Number

Find the missing number.

$7 \times \square = 21$

$\square \times 7 = 7$

$7 \times \square = 49$

$7 \times \square = 63$

$\square \times 7 = 21$

$\square \times 7 = 42$

$\square \times 7 = 56$

$7 \times \square = 14$

$7 \times \square = 70$

$7 \times \square = 35$

$\square \times 7 = 49$

$\square \times 7 = 14$

$\square \times 7 = 63$

$\square \times 7 = 35$

$7 \times \square = 7$

$7 \times \square = 56$

$7 \times \square = 28$

$\square \times 7 = 70$

$7 \times \square = 42$

$\square \times 7 = 28$

The 7 Times Table: Answer Key, Pages 1 to 4

For the grown-up. Each red number sits where your child writes it.

Page 1

5 × 5 = 25	2 × 5 = 10	7 × 5 = 25 + 10 = 35
5 × 9 = 45	2 × 9 = 18	7 × 9 = 45 + 18 = 63
5 × 7 = 35	2 × 7 = 14	7 × 7 = 35 + 14 = 49
5 × 4 = 20	2 × 4 = 8	7 × 4 = 20 + 8 = 28
5 × 10 = 50	2 × 10 = 20	7 × 10 = 50 + 20 = 70
5 × 3 = 15	2 × 3 = 6	7 × 3 = 15 + 6 = 21
5 × 1 = 5	2 × 1 = 2	7 × 1 = 5 + 2 = 7
5 × 8 = 40	2 × 8 = 16	7 × 8 = 40 + 16 = 56
5 × 2 = 10	2 × 2 = 4	7 × 2 = 10 + 4 = 14
5 × 6 = 30	2 × 6 = 12	7 × 6 = 30 + 12 = 42

Page 2

5 × 8 = 40	2 × 8 = 16	7 × 8 = 40 + 16 = 56
5 × 10 = 50	2 × 10 = 20	7 × 10 = 50 + 20 = 70
5 × 2 = 10	2 × 2 = 4	7 × 2 = 10 + 4 = 14
5 × 6 = 30	2 × 6 = 12	7 × 6 = 30 + 12 = 42
5 × 1 = 5	2 × 1 = 2	7 × 1 = 5 + 2 = 7
5 × 5 = 25	2 × 5 = 10	7 × 5 = 25 + 10 = 35
5 × 7 = 35	2 × 7 = 14	7 × 7 = 35 + 14 = 49
5 × 4 = 20	2 × 4 = 8	7 × 4 = 20 + 8 = 28
5 × 9 = 45	2 × 9 = 18	7 × 9 = 45 + 18 = 63
5 × 3 = 15	2 × 3 = 6	7 × 3 = 15 + 6 = 21

Page 3

8 × 7 = 56	7 × 1 = 7
6 × 7 = 42	7 × 9 = 63
7 × 2 = 14	7 × 7 = 49
4 × 7 = 28	7 × 10 = 70
1 × 7 = 7	7 × 7 = 49
3 × 7 = 21	7 × 5 = 35
10 × 7 = 70	2 × 7 = 14
7 × 4 = 28	7 × 6 = 42
9 × 7 = 63	7 × 3 = 21
5 × 7 = 35	7 × 8 = 56

Page 4

3 × 7 = 21	7 × 6 = 42
1 × 7 = 7	7 × 10 = 70
7 × 4 = 28	7 × 7 = 49
10 × 7 = 70	7 × 5 = 35
2 × 7 = 14	7 × 9 = 63
6 × 7 = 42	7 × 1 = 7
9 × 7 = 63	7 × 7 = 49
4 × 7 = 28	7 × 2 = 14
7 × 8 = 56	5 × 7 = 35
7 × 3 = 21	8 × 7 = 56

The 7 Times Table: Answer Key, Pages 5 to 6

For the grown-up. Each red number sits where your child writes it.

Page 5

7 × 9 = 63	7 × 1 = 7
7 × 6 = 42	7 × 8 = 56
7 × 10 = 70	7 × 3 = 21
8 × 7 = 56	10 × 7 = 70
2 × 7 = 14	7 × 7 = 49
7 × 4 = 28	7 × 2 = 14
6 × 7 = 42	4 × 7 = 28
9 × 7 = 63	7 × 7 = 49
5 × 7 = 35	1 × 7 = 7
3 × 7 = 21	7 × 5 = 35

Page 6

7 × 3 = 21	1 × 7 = 7
7 × 7 = 49	7 × 9 = 63
3 × 7 = 21	6 × 7 = 42
8 × 7 = 56	7 × 2 = 14
7 × 10 = 70	7 × 5 = 35
7 × 7 = 49	2 × 7 = 14
9 × 7 = 63	5 × 7 = 35
7 × 1 = 7	7 × 8 = 56
7 × 4 = 28	10 × 7 = 70
7 × 6 = 42	4 × 7 = 28

For Grown-Ups: How to Use These Worksheets

For third grade, the last step of the order. Each activity has two pages, the same facts in a new order.

Why use it

By the time a child reaches the 7s, only one fact is new: 7 × 7. Every other 7s fact is the turnaround of an earlier one, such as 7 × 8 from the 8s. Seven is 5 and 2, so any 7s fact is a 5s fact plus a 2s fact: 7 × 6 is 30 + 12 = 42. The Common Core's own example of this move is 8 × 7 as 40 + 16 (3.OA.B.5).

What it is good for

- Each 7s fact broken into a 5s and a 2s fact.
- The 7s mixed, in both orders.
- The missing number, such as 7 × □ = 49.

How to use it

1. Tell your child first that nine of the ten facts are already known.
2. On the first page, your child writes the 5s fact and the 2s fact, then adds them.
3. On the mixed pages, ask which earlier table each fact belongs to.
4. Start untimed, and keep it to a few minutes.
5. Check with the answer key. Each red number sits where your child writes it.

> **Try saying:** “5 × 7 is 35 and 2 × 7 is 14. Together?”

Tip: Counting by 7s is hard, because it lands on a ten only at 70. By now the facts are not.