The 11 and 12 Times Tables: The 11s

Write each answer. Up to 11 × 9, look for the pattern.

11 × 2 =	11 × 11 =	11 × 7 =
11 × 9 =	11 × 4 =	11 × 12 =
11 × 1 =	11 × 8 =	11 × 10 =
11 × 6 =	11 × 3 =	11 × 5 =

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The 11 and 12 Times Tables: The 11s

Write each answer. Up to 11 × 9, look for the pattern.

11 × 12 =	11 × 10 =	11 × 8 =
11 × 4 =	11 × 6 =	11 × 3 =
11 × 11 =	11 × 9 =	11 × 1 =
11 × 7 =	11 × 2 =	11 × 5 =

The 11 and 12 Times Tables: The 12s From the 10s and the 2s

Use the fact you know to find the new one.

10 × 2 = ☐	2 × 2 = ☐	12 × 2 = ☐ + ☐ = ☐
10 × 7 = ☐	2 × 7 = ☐	12 × 7 = ☐ + ☐ = ☐
10 × 11 = ☐	2 × 11 = ☐	12 × 11 = ☐ + ☐ = ☐
10 × 4 = ☐	2 × 4 = ☐	12 × 4 = ☐ + ☐ = ☐
10 × 1 = ☐	2 × 1 = ☐	12 × 1 = ☐ + ☐ = ☐
10 × 3 = ☐	2 × 3 = ☐	12 × 3 = ☐ + ☐ = ☐
10 × 9 = ☐	2 × 9 = ☐	12 × 9 = ☐ + ☐ = ☐
10 × 5 = ☐	2 × 5 = ☐	12 × 5 = ☐ + ☐ = ☐
10 × 8 = ☐	2 × 8 = ☐	12 × 8 = ☐ + ☐ = ☐
10 × 6 = ☐	2 × 6 = ☐	12 × 6 = ☐ + ☐ = ☐
10 × 12 = ☐	2 × 12 = ☐	12 × 12 = ☐ + ☐ = ☐
10 × 10 = ☐	2 × 10 = ☐	12 × 10 = ☐ + ☐ = ☐

The 11 and 12 Times Tables: The 12s From the 10s and the 2s

Use the fact you know to find the new one.

10 × 1 = ☐	2 × 1 = ☐	12 × 1 = ☐ + ☐ = ☐
10 × 3 = ☐	2 × 3 = ☐	12 × 3 = ☐ + ☐ = ☐
10 × 5 = ☐	2 × 5 = ☐	12 × 5 = ☐ + ☐ = ☐
10 × 11 = ☐	2 × 11 = ☐	12 × 11 = ☐ + ☐ = ☐
10 × 2 = ☐	2 × 2 = ☐	12 × 2 = ☐ + ☐ = ☐
10 × 10 = ☐	2 × 10 = ☐	12 × 10 = ☐ + ☐ = ☐
10 × 4 = ☐	2 × 4 = ☐	12 × 4 = ☐ + ☐ = ☐
10 × 9 = ☐	2 × 9 = ☐	12 × 9 = ☐ + ☐ = ☐
10 × 6 = ☐	2 × 6 = ☐	12 × 6 = ☐ + ☐ = ☐
10 × 8 = ☐	2 × 8 = ☐	12 × 8 = ☐ + ☐ = ☐
10 × 12 = ☐	2 × 12 = ☐	12 × 12 = ☐ + ☐ = ☐
10 × 7 = ☐	2 × 7 = ☐	12 × 7 = ☐ + ☐ = ☐

The 11 and 12 Times Tables: Mixed Facts

Write each answer.

11 × 1 =	10 × 11 =	12 × 8 =
12 × 12 =	12 × 2 =	11 × 12 =
1 × 12 =	4 × 11 =	3 × 12 =
6 × 11 =	8 × 11 =	5 × 12 =
11 × 11 =	7 × 12 =	11 × 9 =
11 × 5 =	11 × 3 =	12 × 4 =
11 × 7 =	12 × 10 =	2 × 11 =
12 × 11 =	12 × 6 =	9 × 12 =

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The 11 and 12 Times Tables: Mixed Facts

Write each answer.

3 × 12 = ☐	11 × 12 = ☐	7 × 12 = ☐
10 × 11 = ☐	9 × 12 = ☐	12 × 4 = ☐
12 × 11 = ☐	4 × 11 = ☐	12 × 10 = ☐
5 × 12 = ☐	11 × 1 = ☐	12 × 12 = ☐
12 × 8 = ☐	11 × 11 = ☐	8 × 11 = ☐
12 × 2 = ☐	11 × 3 = ☐	6 × 11 = ☐
11 × 9 = ☐	11 × 7 = ☐	2 × 11 = ☐
11 × 5 = ☐	12 × 6 = ☐	1 × 12 = ☐

The 11 and 12 Times Tables: The Missing Number

Find the missing number.

☐ × 11 = 99	12 × ☐ = 144	☐ × 12 = 12
☐ × 11 = 121	12 × ☐ = 72	☐ × 11 = 33
☐ × 12 = 84	☐ × 12 = 132	11 × ☐ = 110
12 × ☐ = 24	11 × ☐ = 88	11 × ☐ = 44
12 × ☐ = 120	☐ × 12 = 36	11 × ☐ = 132
☐ × 11 = 55	☐ × 12 = 108	11 × ☐ = 66
☐ × 11 = 11	☐ × 12 = 60	12 × ☐ = 96
12 × ☐ = 48	☐ × 11 = 77	11 × ☐ = 22

The 11 and 12 Times Tables: The Missing Number

Find the missing number.

11 × ☐ = 66	12 × ☐ = 144	12 × ☐ = 48
12 × ☐ = 120	☐ × 12 = 36	11 × ☐ = 132
11 × ☐ = 22	☐ × 12 = 132	☐ × 11 = 11
☐ × 11 = 99	12 × ☐ = 72	11 × ☐ = 88
☐ × 12 = 60	☐ × 11 = 33	☐ × 11 = 55
11 × ☐ = 110	☐ × 12 = 84	☐ × 12 = 12
☐ × 11 = 77	☐ × 12 = 108	☐ × 11 = 121
12 × ☐ = 24	11 × ☐ = 44	12 × ☐ = 96

The 11 and 12 Times Tables: Answer Key, Pages 1 to 4

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

Page 1

11 × 2 = 22	11 × 11 = 121	11 × 7 = 77
11 × 9 = 99	11 × 4 = 44	11 × 12 = 132
11 × 1 = 11	11 × 8 = 88	11 × 10 = 110
11 × 6 = 66	11 × 3 = 33	11 × 5 = 55

Page 2

11 × 12 = 132	11 × 10 = 110	11 × 8 = 88
11 × 4 = 44	11 × 6 = 66	11 × 3 = 33
11 × 11 = 121	11 × 9 = 99	11 × 1 = 11
11 × 7 = 77	11 × 2 = 22	11 × 5 = 55

Page 3

10 × 2 = 20	2 × 2 = 4	12 × 2 = 20 + 4 = 24
10 × 7 = 70	2 × 7 = 14	12 × 7 = 70 + 14 = 84
10 × 11 = 110	2 × 11 = 22	12 × 11 = 110 + 22 = 132
10 × 4 = 40	2 × 4 = 8	12 × 4 = 40 + 8 = 48
10 × 1 = 10	2 × 1 = 2	12 × 1 = 10 + 2 = 12
10 × 3 = 30	2 × 3 = 6	12 × 3 = 30 + 6 = 36
10 × 9 = 90	2 × 9 = 18	12 × 9 = 90 + 18 = 108
10 × 5 = 50	2 × 5 = 10	12 × 5 = 50 + 10 = 60
10 × 8 = 80	2 × 8 = 16	12 × 8 = 80 + 16 = 96
10 × 6 = 60	2 × 6 = 12	12 × 6 = 60 + 12 = 72
10 × 12 = 120	2 × 12 = 24	12 × 12 = 120 + 24 = 144
10 × 10 = 100	2 × 10 = 20	12 × 10 = 100 + 20 = 120

Page 4

10 × 1 = 10	2 × 1 = 2	12 × 1 = 10 + 2 = 12
10 × 3 = 30	2 × 3 = 6	12 × 3 = 30 + 6 = 36
10 × 5 = 50	2 × 5 = 10	12 × 5 = 50 + 10 = 60
10 × 11 = 110	2 × 11 = 22	12 × 11 = 110 + 22 = 132
10 × 2 = 20	2 × 2 = 4	12 × 2 = 20 + 4 = 24
10 × 10 = 100	2 × 10 = 20	12 × 10 = 100 + 20 = 120
10 × 4 = 40	2 × 4 = 8	12 × 4 = 40 + 8 = 48
10 × 9 = 90	2 × 9 = 18	12 × 9 = 90 + 18 = 108
10 × 6 = 60	2 × 6 = 12	12 × 6 = 60 + 12 = 72
10 × 8 = 80	2 × 8 = 16	12 × 8 = 80 + 16 = 96
10 × 12 = 120	2 × 12 = 24	12 × 12 = 120 + 24 = 144
10 × 7 = 70	2 × 7 = 14	12 × 7 = 70 + 14 = 84

The 11 and 12 Times Tables: Answer Key, Pages 5 to 8

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

Page 5

11 × 1 = 11	10 × 11 = 110	12 × 8 = 96
12 × 12 = 144	12 × 2 = 24	11 × 12 = 132
1 × 12 = 12	4 × 11 = 44	3 × 12 = 36
6 × 11 = 66	8 × 11 = 88	5 × 12 = 60
11 × 11 = 121	7 × 12 = 84	11 × 9 = 99
11 × 5 = 55	11 × 3 = 33	12 × 4 = 48
11 × 7 = 77	12 × 10 = 120	2 × 11 = 22
12 × 11 = 132	12 × 6 = 72	9 × 12 = 108

Page 6

3 × 12 = 36	11 × 12 = 132	7 × 12 = 84
10 × 11 = 110	9 × 12 = 108	12 × 4 = 48
12 × 11 = 132	4 × 11 = 44	12 × 10 = 120
5 × 12 = 60	11 × 1 = 11	12 × 12 = 144
12 × 8 = 96	11 × 11 = 121	8 × 11 = 88
12 × 2 = 24	11 × 3 = 33	6 × 11 = 66
11 × 9 = 99	11 × 7 = 77	2 × 11 = 22
11 × 5 = 55	12 × 6 = 72	1 × 12 = 12

Page 7

9 × 11 = 99	12 × 12 = 144	1 × 12 = 12
11 × 11 = 121	12 × 6 = 72	3 × 11 = 33
7 × 12 = 84	11 × 12 = 132	11 × 10 = 110
12 × 2 = 24	11 × 8 = 88	11 × 4 = 44
12 × 10 = 120	3 × 12 = 36	11 × 12 = 132
5 × 11 = 55	9 × 12 = 108	11 × 6 = 66
1 × 11 = 11	5 × 12 = 60	12 × 8 = 96
12 × 4 = 48	7 × 11 = 77	11 × 2 = 22

Page 8

11 × 6 = 66	12 × 12 = 144	12 × 4 = 48
12 × 10 = 120	3 × 12 = 36	11 × 12 = 132
11 × 2 = 22	11 × 12 = 132	1 × 11 = 11
9 × 11 = 99	12 × 6 = 72	11 × 8 = 88
5 × 12 = 60	3 × 11 = 33	5 × 11 = 55
11 × 10 = 110	7 × 12 = 84	1 × 12 = 12
7 × 11 = 77	9 × 12 = 108	11 × 11 = 121
12 × 2 = 24	11 × 4 = 44	12 × 8 = 96

For Grown-Ups: How to Use These Worksheets

An optional extra for third grade, after the facts to 10 × 10. Each activity has two pages, the same facts in a new order.

Why use it

The US standards stop at 10 × 10 (Common Core 3.OA.C.7; Texas asks for facts up to 10 by 10), so learn 0 to 10 first. England's curriculum goes to 12 × 12, which is why many charts do too. The same strategies reach that far: from 11 × 1 to 11 × 9 the answer is the digit written twice, and each 12s fact is a 10s fact plus a 2s fact.

What it is good for

- The 11s to 11 × 12, mixed, and the three that break the pattern.
- The 12s, each broken into a 10s fact and a 2s fact: 70 + 14 = 84.
- The 11s and 12s mixed, then the missing number.

How to use it

1. On the 11s page, ask what your child notices up to 11 × 9.
2. Teach 11 × 10 = 110, 11 × 11 = 121, and 11 × 12 = 132 as facts of their own.
3. On the 12s page, your child writes both smaller facts, then adds them.
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:** “12 × 7 is 10 × 7 and 2 × 7. What are those?”

Tip: A school chart to 12 × 12 goes with this sheet.