Subtraction Within 20: Without Crossing Ten

Write the answer in the box.

15 – 5 = ☐	19 – 8 = ☐	18 – 4 = ☐
18 – 2 = ☐	15 – 1 = ☐	13 – 2 = ☐
16 – 1 = ☐	17 – 4 = ☐	19 – 2 = ☐
17 – 3 = ☐	19 – 9 = ☐	16 – 4 = ☐
12 – 1 = ☐	18 – 3 = ☐	17 – 6 = ☐
18 – 1 = ☐	15 – 4 = ☐	13 – 1 = ☐

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Subtraction Within 20: Without Crossing Ten

Write the answer in the box.

19 – 9 = ☐	17 – 4 = ☐	15 – 4 = ☐
18 – 3 = ☐	17 – 6 = ☐	15 – 1 = ☐
15 – 5 = ☐	18 – 2 = ☐	13 – 1 = ☐
19 – 2 = ☐	12 – 1 = ☐	18 – 1 = ☐
13 – 2 = ☐	18 – 4 = ☐	19 – 8 = ☐
16 – 1 = ☐	16 – 4 = ☐	17 – 3 = ☐

Subtraction Within 20: Crossing Ten

Write the answer in the box.

14 – 6 = ☐	13 – 4 = ☐	14 – 9 = ☐
11 – 5 = ☐	15 – 7 = ☐	16 – 9 = ☐
12 – 4 = ☐	13 – 8 = ☐	11 – 8 = ☐
11 – 6 = ☐	12 – 3 = ☐	12 – 5 = ☐
15 – 9 = ☐	12 – 9 = ☐	12 – 7 = ☐
13 – 9 = ☐	12 – 6 = ☐	15 – 8 = ☐

Subtraction Within 20: Crossing Ten

Write the answer in the box.

12 – 3 = ☐	15 – 8 = ☐	11 – 8 = ☐
16 – 9 = ☐	13 – 8 = ☐	12 – 5 = ☐
14 – 9 = ☐	12 – 6 = ☐	13 – 4 = ☐
12 – 9 = ☐	15 – 7 = ☐	11 – 5 = ☐
12 – 4 = ☐	12 – 7 = ☐	13 – 9 = ☐
11 – 6 = ☐	14 – 6 = ☐	15 – 9 = ☐

Subtraction Within 20: Mixed Facts

Write the answer in the box.

7 – 5 = ☐	16 – 0 = ☐	16 – 5 = ☐
18 – 3 = ☐	19 – 8 = ☐	3 – 2 = ☐
17 – 10 = ☐	15 – 9 = ☐	12 – 9 = ☐
8 – 4 = ☐	9 – 8 = ☐	17 – 5 = ☐
5 – 5 = ☐	11 – 7 = ☐	12 – 6 = ☐
16 – 1 = ☐	15 – 6 = ☐	20 – 5 = ☐

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Subtraction Within 20: Mixed Facts

Write the answer in the box.

12 – 9 = ☐	11 – 7 = ☐	16 – 5 = ☐
18 – 3 = ☐	17 – 10 = ☐	15 – 6 = ☐
5 – 5 = ☐	3 – 2 = ☐	17 – 5 = ☐
12 – 6 = ☐	16 – 1 = ☐	19 – 8 = ☐
20 – 5 = ☐	7 – 5 = ☐	15 – 9 = ☐
16 – 0 = ☐	8 – 4 = ☐	9 – 8 = ☐



Subtraction Within 20: The Missing Number

Write the missing number.

☐ – 7 = 4	13 – ☐ = 12	☐ – 6 = 10
☐ – 7 = 7	14 – ☐ = 12	13 – ☐ = 6
16 – ☐ = 10	☐ – 6 = 7	18 – ☐ = 15
11 – ☐ = 10	18 – ☐ = 16	☐ – 8 = 9
19 – ☐ = 13	☐ – 9 = 11	13 – ☐ = 11
☐ – 8 = 10	☐ – 5 = 7	☐ – 3 = 11

Subtraction Within 20: The Missing Number

Write the missing number.

☐ – 7 = 7	16 – ☐ = 10	14 – ☐ = 12
☐ – 9 = 11	18 – ☐ = 15	13 – ☐ = 12
☐ – 8 = 9	☐ – 7 = 4	☐ – 8 = 10
☐ – 3 = 11	19 – ☐ = 13	18 – ☐ = 16
☐ – 6 = 10	13 – ☐ = 11	☐ – 5 = 7
☐ – 6 = 7	11 – ☐ = 10	13 – ☐ = 6

Subtraction Within 20: Answer Key, Pages 1 to 4

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

Page 1

15 – 5 = 10	19 – 8 = 11	18 – 4 = 14
18 – 2 = 16	15 – 1 = 14	13 – 2 = 11
16 – 1 = 15	17 – 4 = 13	19 – 2 = 17
17 – 3 = 14	19 – 9 = 10	16 – 4 = 12
12 – 1 = 11	18 – 3 = 15	17 – 6 = 11
18 – 1 = 17	15 – 4 = 11	13 – 1 = 12

Page 2

19 – 9 = 10	17 – 4 = 13	15 – 4 = 11
18 – 3 = 15	17 – 6 = 11	15 – 1 = 14
15 – 5 = 10	18 – 2 = 16	13 – 1 = 12
19 – 2 = 17	12 – 1 = 11	18 – 1 = 17
13 – 2 = 11	18 – 4 = 14	19 – 8 = 11
16 – 1 = 15	16 – 4 = 12	17 – 3 = 14

Page 3

14 – 6 = 8	13 – 4 = 9	14 – 9 = 5
11 – 5 = 6	15 – 7 = 8	16 – 9 = 7
12 – 4 = 8	13 – 8 = 5	11 – 8 = 3
11 – 6 = 5	12 – 3 = 9	12 – 5 = 7
15 – 9 = 6	12 – 9 = 3	12 – 7 = 5
13 – 9 = 4	12 – 6 = 6	15 – 8 = 7

Page 4

12 – 3 = 9	15 – 8 = 7	11 – 8 = 3
16 – 9 = 7	13 – 8 = 5	12 – 5 = 7
14 – 9 = 5	12 – 6 = 6	13 – 4 = 9
12 – 9 = 3	15 – 7 = 8	11 – 5 = 6
12 – 4 = 8	12 – 7 = 5	13 – 9 = 4
11 – 6 = 5	14 – 6 = 8	15 – 9 = 6

Subtraction Within 20: Answer Key, Pages 5 to 8

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

Page 5

7 – 5 = 2	16 – 0 = 16	16 – 5 = 11
18 – 3 = 15	19 – 8 = 11	3 – 2 = 1
17 – 10 = 7	15 – 9 = 6	12 – 9 = 3
8 – 4 = 4	9 – 8 = 1	17 – 5 = 12
5 – 5 = 0	11 – 7 = 4	12 – 6 = 6
16 – 1 = 15	15 – 6 = 9	20 – 5 = 15

Page 6

12 – 9 = 3	11 – 7 = 4	16 – 5 = 11
18 – 3 = 15	17 – 10 = 7	15 – 6 = 9
5 – 5 = 0	3 – 2 = 1	17 – 5 = 12
12 – 6 = 6	16 – 1 = 15	19 – 8 = 11
20 – 5 = 15	7 – 5 = 2	15 – 9 = 6
16 – 0 = 16	8 – 4 = 4	9 – 8 = 1

Page 7

11 – 7 = 4	13 – 1 = 12	16 – 6 = 10
14 – 7 = 7	14 – 2 = 12	13 – 7 = 6
16 – 6 = 10	13 – 6 = 7	18 – 3 = 15
11 – 1 = 10	18 – 2 = 16	17 – 8 = 9
19 – 6 = 13	20 – 9 = 11	13 – 2 = 11
18 – 8 = 10	12 – 5 = 7	14 – 3 = 11

Page 8

14 – 7 = 7	16 – 6 = 10	14 – 2 = 12
20 – 9 = 11	18 – 3 = 15	13 – 1 = 12
17 – 8 = 9	11 – 7 = 4	18 – 8 = 10
14 – 3 = 11	19 – 6 = 13	18 – 2 = 16
16 – 6 = 10	13 – 2 = 11	12 – 5 = 7
13 – 6 = 7	11 – 1 = 10	13 – 7 = 6

For Grown-Ups: How to Use These Worksheets

For first and second grade. Each activity has two pages, the same facts in a new order.

Why use it

Subtracting within 20 is first and second grade work. The facts that cross ten, such as 13 – 5, are the hardest, because there are not enough ones to take away. Schools teach thinking of addition first: 13 – 5 is 8 because 5 + 8 = 13. Those facts have their own pages here.

What it is good for

- A teen number take away ones, such as 17 – 4, without crossing ten.
- Facts that cross ten, such as 12 – 7.
- The missing number, at the start or in the middle.

How to use it

1. Start with pages 1 and 2: take the ones away, and the ten stays.
2. On pages 3 and 4, ask for the addition fact: what goes with 7 to make 12?
3. Counting up from the smaller number is a good way too.
4. On the missing number pages, a box at the start is the number your child began with.
5. Check with the answer key. Each red number sits where your child writes it.

> **Try saying:** “12 take away 7. What do you add to 7 to make 12?”

Tip: Take from ten works well here: 13 – 5 is 10 – 5, which is 5, and 3 more is 8.