

Grade 1 - Addition Within 20 - Answer Key

Common Core 1.OA.A.1, 1.OA.B.3, 1.OA.C.6, 1.OA.C.5 · maths-pdf.fr/en/

This **addition within 20 answers** for 1st Grade covers addition within 20 (Common Core 1.OA.A.1, 1.OA.B.3, 1.OA.C.6, 1.OA.C.5), with a free PDF to print.

Here are the full answers for the addition within 20 worksheet. Each answer shows the strategy: counting on, making a ten or doubles. Check the sum, then check the strategy.

Grade 1 · Common Core State Standards: **1.OA.A.1, 1.OA.B.3, 1.OA.C.6, 1.OA.C.5**

Addition within 20 answers: exercises 1 to 10

Exercise 1 - Count the counters

3 blue and 2 orange. $3+2=5$.

The sum is **5**.

Exercise 2 - Count on from the bigger number

Start at 6. Count on 2: 7, 8. $6+2=8$.

The sum is **8**.

Exercise 3 - Add the picture

$5+3=8$.

The sum is **8**.

Exercise 4 - Add zero

Adding zero changes nothing. $9+0=9$.

The sum is **9**.

Exercise 5 - Doubles fact

Both groups have 4. $4+4=8$.

The sum is **8**.

Exercise 6 - Bigger doubles

Double 7 is 14. $7+7=14$.

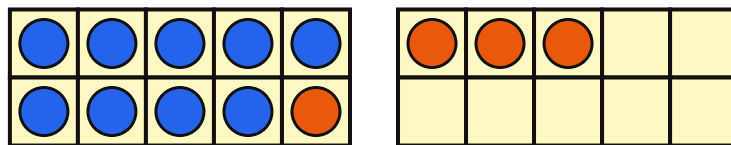
The sum is **14**.

Exercise 7 - Switch the order

The other order is $8+3$. Start at 8 and count on 3: 9, 10, 11. $8+3=11$ and $3+8=11$.

The sum is **11**.

Exercise 8 - Make a ten with 9



Move 1 orange counter. 10 and 3.

Move 1 counter to fill the first frame. That makes 10 and 3 more. $10+3=13$.

The sum is **13**.

Exercise 9 - Make a ten with 8

8 needs 2 more to make 10. Take 2 from 6, and 4 is left. $10+4=14$. Check: $8+6=14$.

The sum is **14**.

Exercise 10 - Near doubles

$6+6=12$. 7 is one more than 6, so add 1. $12+1=13$.

The sum is **13**.

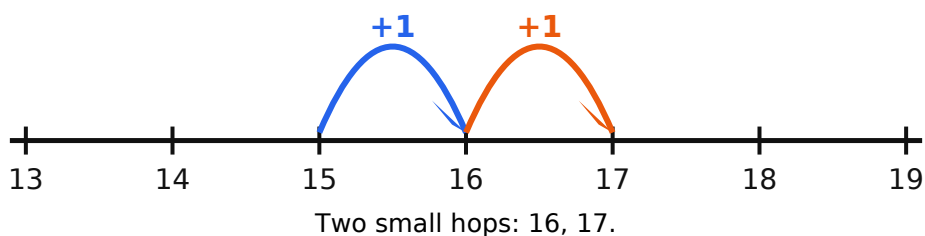
Exercises 11 and up

Exercise 11 - Same sum

The order can change. $7+5=5+7$. Both are 12.

The missing number is **7**.

Exercise 12 - Count on 2



15, then 16, then 17. $15+2=17$.

You reach **17**.

Exercise 13 - Three numbers, make ten

7 and 3 make 10. $2+10=12$. Check: $2+7=9$, $9+3=12$.

The sum is **12**.

Exercise 14 - Three numbers, look for a pair

6 and 4 make 10. $10+5=15$.

The sum is **15**.

Exercise 15 - Compare sums

$8+5=13$ and $9+3=12$. 13 is more than 12.

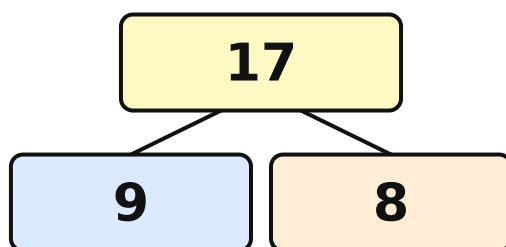
$8+5 > 9+3$. The symbol is $>$.

Exercise 16 - Sticker story

Add to the 7 stickers. $7+6=13$.

Priya has **13** stickers.

Exercise 17 - Marbles together



The two parts make the whole.

Put the groups together. $9+8=17$. (Think: $9+9=18$, and 8 is one less than 9.)

There are **17** marbles.

Exercise 18 - Muffin doubles

Two equal groups. $6+6=12$.

Diego bakes **12** muffins.

Exercise 19 - Pages read

8 and 2 make 10. $10+6=16$.

Mei reads **16** pages.

Exercise 20 - Is he right?

$9+5=14$ and $10+4=14$. Move 1 from the 5 to the 9 to get 10 and 4.

Yes, Noah is **right**. Both sums are 14.

Key facts behind this addition within 20 answers

Key facts

- The sum is the total. In $5 + 3 = 8$, the sum is 8.
- Counting on: start at the bigger number and count up the smaller one.
- Make a ten: $8 + 5 = 10 + 3 = 13$.
- Doubles help: $6 + 6 = 12$, so $6 + 7 = 13$.
- Order does not matter, and adding 0 leaves a number the same.

How to use this addition within 20 answers

Cover each solution, solve the exercise again, then uncover it and compare every line. If your answer differs, find the first step that changed and redo the exercise from there.