

Grade 1 - Addition Within 20 - Test

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

Name: _____ Class: _____ Date: ____/____/____

This **addition within 20 test** 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.

This test has 8 short questions and is worth 20 points. It should take about 30 minutes. Students may use counters. Read each question, show the work, and write the answer.

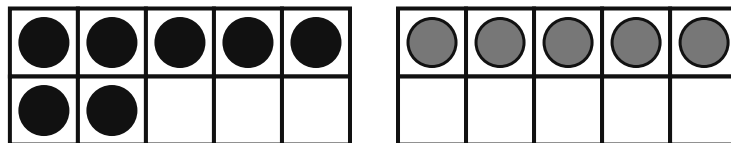
Time and points

About this test

- Grade: Grade 1
- Chapter: Addition Within 20
- Standards: 1.OA.A.1, 1.OA.B.3, 1.OA.C.6, 1.OA.C.5
- Time: 30 minutes
- Total: 20 points

Addition within 20 test: questions

Question 1 - Count and add [2 pts]



Black and gray counters.

- Write an addition sentence for the counters. (1 point)
- Write the sum. (1 point)

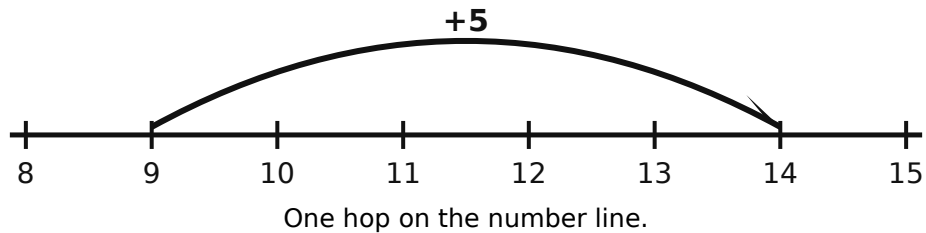
Question 2 - Quick facts [3 pts]

- $9+7=$ (1 point)

b. $5+0 =$ (1 point)

c. $6+6 =$ (1 point)

Question 3 - Hop on the number line [2 pts]



a. Write the addition sentence for the hop. (1 point)

b. Where does the hop end? (1 point)

Question 4 - Flip the addends [2 pts]

a. Rewrite $6+9$ with the addends swapped. (1 point)

b. Write the sum of both sentences. (1 point)

Question 5 - Three numbers [3 pts]

a. Find $3+9+7$. (2 points)

b. Find $8+5+5$. (1 point)

Question 6 - Compare [2 pts]

Write $<$, $>$ or $=$ in each circle.

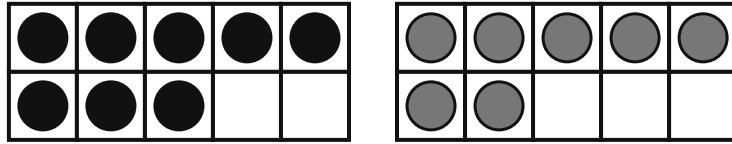
a. $7+6$ and $8+4$ (1 point)

b. $9+3$ and $6+6$ (1 point)

Question 7 - Bead story [3 pts]

Aisha has 8 red beads and 6 blue beads. How many beads does she have in all? Write an addition sentence and the answer.

Question 8 - Fill the frame [3 pts]



Frames for $8 + 7$.

- How many counters move to fill the first frame? (1 point)
- Write $10 +$ and the leftover. (1 point)
- Find the sum of $8 + 7$. (1 point)

Key facts behind this addition within 20 test

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 test

Time yourself: the test is designed for an average student in 45 minutes. Answer the questions you are sure of first, then come back to the longer ones and check your units.