

Grade 2 · Subtracting Within 100 · Test

Common Core 2.NBT.B.5, 2.NBT.B.9 · mathovore.fr

Name: _____ Date: ____/____/____ Score: _____

This test has 9 questions and is worth 20 points. Show your work. Write each answer in the space given. Use the blocks, number lines and bar models in the questions to help. You have 45 minutes.

Test information

- **Grade:** Grade 2
- **Chapter:** Subtracting Within 100
- **Common Core:** 2.NBT.B.5, 2.NBT.B.9
- **Time:** 45 minutes
- **Total:** 20 points (Question 1: 2 pts; Question 2: 2 pts; Question 3: 2 pts; Question 4: 2 pts; Question 5: 2 pts; Question 6: 2 pts; Question 7: 2 pts; Question 8: 3 pts; Question 9: 3 pts)

Question 1: Basic differences (2 points)

Subtract.

- a. $78 - 34$
- b. $95 - 62$

Question 2: Blocks after trading (2 points)

Sofia subtracts 28 from 63. The blocks show 63 after she traded a ten. The crossed blocks are taken away.



The blocks show 63 after a trade, with 28 crossed out.

- a. Write the number of tens and ones that are not crossed out. (1 point)
- b. Write the difference. (1 point)

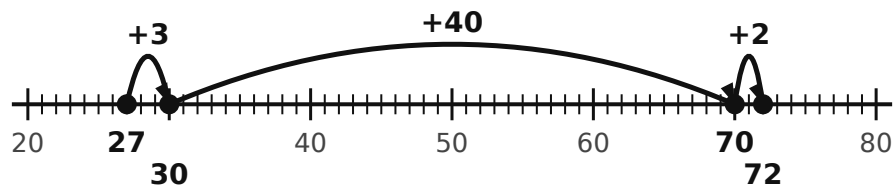
Question 3: Trade a ten (2 points)

Subtract.

- a. $71 - 46$
- b. $80 - 37$

Question 4: Jumps on a number line (2 points)

Jamal counts up from 27 to 72 on a number line.



Jumps from 27 to 72.

- a. Find the total of the jumps. (1 point)
- b. Write the subtraction problem that the jumps solve. (1 point)

Question 5: Find the mistake (2 points)

Aisha solves $84 - 59$. She writes: *Ones:* $9 - 4 = 5$. *Tens:* $8 - 5 = 3$. *Answer:* 35.

- a. Explain Aisha's mistake. (1 point)
- b. Find the correct difference. (1 point)

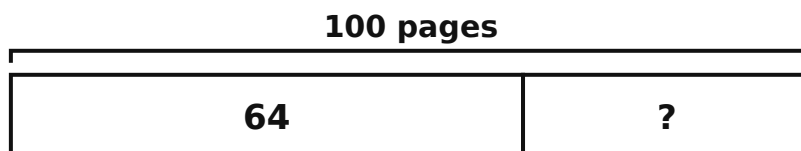
Question 6: Missing numbers (2 points)

Find the missing number.

- a. $90 - [\square] = 46$
- b. $[\square] - 38 = 29$

Question 7: Pages left (2 points)

Sofia's book has 100 pages. She has read 64 pages.



Sofia has read 64 pages of a 100-page book.

- a. Write a subtraction sentence for the pages left. *(1 point)*
- b. Find the number of pages left. *(1 point)*

Question 8: Baseball cards (3 points)

Noah has 85 baseball cards. He gives 29 cards to a friend and 18 cards to his sister.

- a. Find the number of cards Noah gives away in all. *(1 point)*
- b. Find the number of cards Noah has left. *(1 point)*
- c. Write an addition sentence that checks the answer to part b. *(1 point)*

Question 9: Why trading works (3 points)

Priya solves $52 - 27$. She writes 52 as 4 tens and 12 ones.

- a. Explain why 4 tens and 12 ones is still 52. *(1 point)*
- b. Find the difference. *(1 point)*
- c. Write an addition sentence that checks the difference. *(1 point)*