

Grade 3 · Adding and Subtracting Within 1,000

· Test

Common Core 3.NBT.A.2 · mathovore.fr

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

This test checks adding and subtracting within 1,000. It has 9 questions worth 20 points in all. Show your work for each question. A calculator is not allowed. You have 45 minutes.

Test information

- **Grade:** Grade 3
- **Chapter:** Adding and Subtracting Within 1,000
- **Common Core:** 3.NBT.A.2
- **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: Two sums (2 points)

Find each sum.

- a. $274 + 358$ (1 point)
- b. $496 + 305$ (1 point)

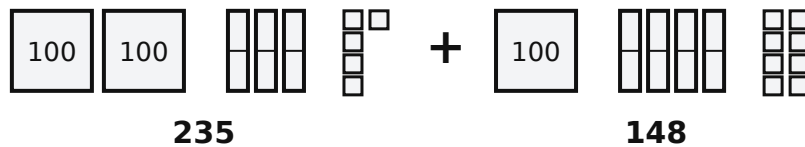
Question 2: Two differences (2 points)

Find each difference.

- a. $683 - 251$ (1 point)
- b. $702 - 385$ (1 point)

Question 3: Blocks (2 points)

The blocks show two numbers. Write an addition sentence and find the total.

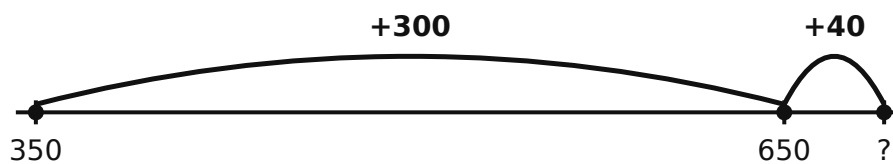


Blocks for 235 and 148.

(2 points)

Question 4: Number line (2 points)

Write the addition sentence for the jumps and find the missing end number.



Jumps from 350.

(2 points)

Question 5: Estimate and solve (2 points)

Look at $389 + 412$.

- Estimate the sum by rounding each number to the nearest hundred. (1 point)
- Find the exact sum. (1 point)

Question 6: Missing numbers (2 points)

Find each missing number.

- $267 + [\text{?}] = 500$ (1 point)
- $[\text{?}] - 134 = 276$ (1 point)

Question 7: Library shelves (2 points)

A library has 428 fiction books and 359 nonfiction books. Write an equation and find how many books there are in all.

?	
428	359

Fiction and nonfiction books.

(2 points)

Question 8: Field trip (3 points)

Mei's school has 645 students. On Friday, 278 students go to the zoo and 195 students go to the museum. Everyone else stays at school.

- Find how many students go on the two trips. (1 point)
- Find how many students stay at school. (1 point)
- Check the answer to part b by adding. (1 point)

Question 9: Find the mistake (3 points)

Noah solved $503 - 248$ and wrote 345. He subtracted the smaller digit from the larger digit in each place.

- Explain why this method is wrong. (1 point)
- Find the correct difference. (1 point)
- Show how to check the correct answer. (1 point)