

Grade 4 - Adding and Subtracting Multi-Digit Numbers - Quiz

Common Core 4.NBT.B.4 · maths-pdf.fr/en/

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

Choose the best answer for each of the 10 questions about adding and subtracting multi-digit numbers. Read each question carefully, then check the explanation to learn from any mistake.

Grade 4 · Common Core State Standards: **4.NBT.B.4**

Questions

Question 1

What is $6,478 + 2,385$?

- A. 8,753
- B. 8,853
- C. 4,093
- D. 8,863

Question 2

What is $5,000 - 1,246$?

- A. 4,246
- B. 3,754
- C. 3,764
- D. 3,854

Question 3

$$\begin{array}{r} 34,867 \\ + 25,943 \\ \hline \end{array}$$

Add 34,867 and 25,943.

What is the sum?

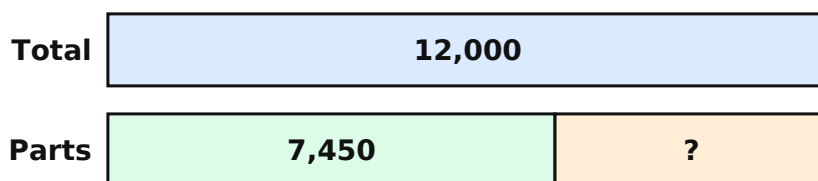
- A. 60,810
- B. 60,710
- C. 59,810
- D. 61,810

Question 4

Maya found $8,204 - 3,759 = 4,445$. Which equation checks her answer?

- A. $4,445 + 3,759 = 8,204$
- B. $8,204 + 3,759 = 4,445$
- C. $4,445 - 3,759 = 8,204$
- D. $3,759 - 4,445 = 8,204$

Question 5



Total 12,000 with one part 7,450.

What is the unknown part?

- A. 19,450
- B. 4,550
- C. 5,550
- D. 4,450

Question 6

Estimate $29,874 + 41,203$ by rounding each number to the nearest ten thousand.

- A. 60,000
- B. 70,000
- C. 71,077
- D. 80,000

Question 7

A bakery sold 3,486 muffins in May and 2,974 muffins in June. How many muffins did it sell in all?

- A. 6,450
- B. 6,360
- C. 512

D. 6,460

Question 8

	1,000s	100s	10s	1s
Start	4	0	0	5
Regroup	3	9	9	15

4,005 regrouped.

Use the regrouping to find $4,005 - 1,768$.

- A. 3,763
- B. 2,247
- C. 2,237
- D. 2,337

Question 9

Which is a correct way to regroup 8,000?

- A. 7 thousands, 9 hundreds, 9 tens, 9 ones
- B. 7 thousands, 10 hundreds, 10 tens, 0 ones
- C. 7 thousands, 9 hundreds, 9 tens, 10 ones
- D. 6 thousands, 10 hundreds, 10 tens, 10 ones

Question 10

Maya had 20,000 points. She spent 4,750 points and then 3,825 points. How many points are left?

- A. 11,425
- B. 11,525
- C. 12,425
- D. 8,575

Answers

1. **D** - Ones: $8 + 5 = 13$, carry 1. Tens: $7 + 8 + 1 = 16$, carry 1. Hundreds: $4 + 3 + 1 = 8$. Thousands: $6 + 2 = 8$. Forgetting a carry gives 8,753.
2. **B** - Regroup 5,000 as 4 thousands, 9 hundreds, 9 tens, and 10 ones, then subtract each place. Subtracting the smaller digit from the larger in each place gives 4,246.
3. **A** - Ones: $7 + 3 = 10$. Tens: $6 + 4 + 1 = 11$. Hundreds: $8 + 9 + 1 = 18$. Thousands: $4 + 5 + 1 = 10$. Ten thousands: $3 + 2 + 1 = 6$. Missing the carry from the tens gives 60,710.
4. **A** - To check a subtraction, add the difference to the number subtracted. The sum should equal the starting number.
5. **B** - Subtract the known part from the total: $12,000 - 7,450 = 4,550$. Adding gives 19,450, which is more than the total.
6. **B** - 29,874 rounds to 30,000 and 41,203 rounds to 40,000. The estimate is 70,000. The exact sum, 71,077, is not an estimate.
7. **D** - Add: $3,486 + 2,974 = 6,460$. Subtracting gives 512, which answers how many more were sold in May.
8. **C** - Ones: $15 - 8 = 7$. Tens: $9 - 6 = 3$. Hundreds: $9 - 7 = 2$. Thousands: $3 - 1 = 2$. Skipping the regrouping gives 3,763.
9. **C** - $7,000 + 900 + 90 + 10 = 8,000$. The other choices total 7,999, 8,100, and 7,110.
10. **A** - $20,000 - 4,750 = 15,250$. Then $15,250 - 3,825 = 11,425$. The total spent is 8,575, which is not what the question asks.

Remember

- Always line up the digits by place value before you add or subtract.
- Start at the ones place and work to the left.
- Carry 1 to the next place when a column sum is 10 or more.
- Regroup 1 from the next place when the top digit is smaller; a 0 becomes 9 after regrouping across it.
- Check subtraction by adding, and check addition by subtracting.