

Grade 2 - Adding Within 100 - Test Answer Key

Common Core 2.NBT.B.5, 2.NBT.B.6 · maths-pdf.fr/en/

This **add within 100 test answers** for 2nd Grade covers adding within 100 (Common Core 2.NBT.B.5, 2.NBT.B.6), with a free PDF to print.

Use this key to score the test. Each solution shows the steps and a scoring guide. Give part credit when the method is right but a small slip changes the answer.

Grade 2 · Common Core State Standards: **2.NBT.B.5, 2.NBT.B.6**

Add within 100 test answers: worked solutions

Question 1 - Add without regrouping [4 pts]

- a. $32+45=77$
- b. $61+28=89$
- c. $70+20=90$
- d. $53+6=59$

77, 89, 90, 59

Scoring: 1 point for each correct sum.

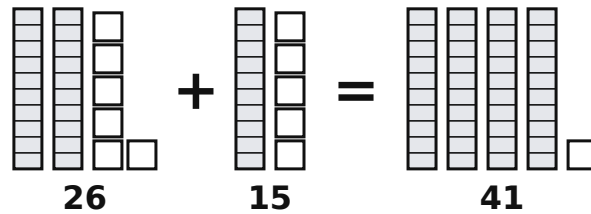
Question 2 - Add with regrouping [3 pts]

- a. Ones: $7+6=13$. Tens: $3+4+1=8$. Sum: 83.
- b. Ones: $9+8=17$. Tens: $2+5+1=8$. Sum: 87.
- c. Ones: $5+8=13$. Tens: $6+2+1=9$. Sum: 93.

83, 87, 93

Scoring: 1 point for each correct sum.

Question 3 - Blocks picture [2 pts]



Tens: $2 + 1 = 3$. Ones: $6 + 5 = 11$, so 1 more ten.

a. $26 + 15$

b. Ones: $6 + 5 = 11$, which is 1 ten and 1 one. Tens: $2 + 1 + 1 = 4$. The sum is 41.

a) 26 + 15, b) 41

Scoring: 1 point for the sentence. 1 point for 41.

Question 4 - Missing digits [2 pts]

a. $7 + 6 = 13$ ends in 3, and $47 + 36 = 83$. The digit is 6.

b. $5 + 4 = 9$, and $55 + 24 = 79$. The digit is 5.

a) 6, b) 5

Scoring: 1 point for each correct digit.

Question 5 - Three and four addends [3 pts]

a. Ones: $4 + 3 + 5 = 12$. Tens: $1 + 2 + 3 + 1 = 7$. Sum: 72.

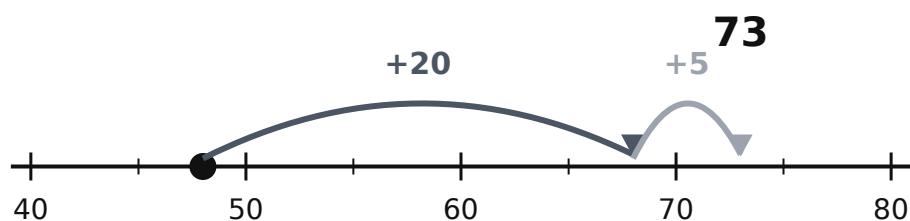
b. Ones: $8 + 6 + 2 + 4 = 20$, which is 2 tens. Tens: $1 + 2 + 2 + 1 + 2 = 8$. Sum: 80.

a) 72, b) 80

Scoring: a) 1 point. b) 1 point for adding the ones and regrouping, 1 point for 80.

Question 6 - Pages read [2 pts]

Hop 20 to 68. Then hop 5 to 73.



Two hops from 48 land on 73.

$$48 + 25 = 73. \text{ 73 pages}$$

Scoring: 1 point for a correct method. 1 point for 73.

Question 7 - Farm stand [2 pts]

Ones: $6 + 7 = 13$. Tens: $3 + 4 + 1 = 8$. $36 + 47 = 83$.

83 pumpkins

Scoring: 1 point for a correct method. 1 point for 83.

Question 8 - Find the mistake [2 pts]

	tens	ones	
	①		
	3	9	ones: $9 + 5 = 14$
+	4	5	tens: $1 + 3 + 4 = 8$
	8	4	

The correct sum is 84.

- a. Ethan wrote 4 in the ones place but forgot the new ten from $9 + 5 = 14$.
- b. $39 + 45 = 84$

a) forgot to add the regrouped ten, b) 84

Scoring: 1 point for the mistake. 1 point for 84.

Total score
Total
20 points

Key facts behind this add within 100 test answers

Key facts

- Add ones first, then tens.
- Ten ones can be regrouped as 1 ten: $8+7=15$ is 1 ten and 5 ones.
- On a number line, hop by tens and then by ones.
- To add three or four numbers, add all the ones, then all the tens.
- Estimating with tens helps you check an answer.

How to use this add within 100 test answers

Score your test with the point values shown for each question. Then read the worked solution of every question where you lost points and note the method to review.