

Grade 2 · Adding Within 100 · Test Answer Key

Common Core 2.NBT.B.5, 2.NBT.B.6 · mathovore.fr

This answer key gives a worked solution for each question and a scoring guide. Add the points from all nine questions to get a score out of 20.

Grade 2 Common Core: 2.NBT.B.5 · 2.NBT.B.6

Question 1: Add without regrouping (2 points)

- a. $34 + 25 = 59$
- b. $52 + 30 = 82$

Scoring: 1 point for each correct sum.

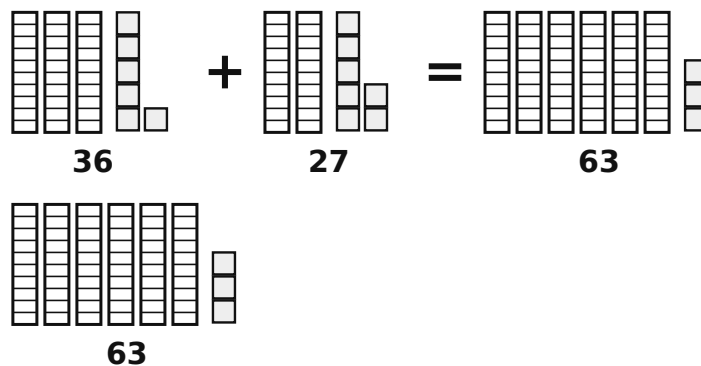
Question 2: Add with regrouping (2 points)

- a. $38 + 46 = 84$
- b. $27 + 59 = 86$

Scoring: 1 point for each correct sum.

Question 3: Base-ten blocks (2 points)

Ones: $6 + 7 = 13$, so 1 ten is regrouped. Tens: $3 + 2 + 1 = 6$.



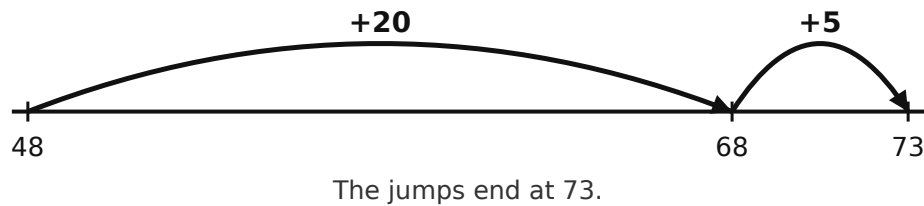
The last rod is the regrouped ten. The sum is 63.

- a. $36 + 27$
- b. $36 + 27 = 63$

Scoring: 1 point for the equation, 1 point for the sum 63.

Question 4: Open number line (2 points)

$48+20=68$, then $68+5=73$. The jumps total 25.



- a. $48+25$
- b. $48+25=73$

Scoring: 1 point for $48 + 25$, 1 point for the sum 73.

Question 5: Missing number (2 points)

- a. 33: $27+33=60$
- b. 46: $46+35=81$

Scoring: 1 point for each correct missing number.

Question 6: Three addends (2 points)

- a. $23+41+15=79$
- b. $18+26+30=74$

Scoring: 1 point for each correct sum.

Question 7: Four addends (2 points)

$12+25=37$, $37+31=68$, $68+14=82$. (Or $12+14=26$, $25+31=56$, $26+56=82$.)

$$12+25+31+14=82$$

Scoring: 2 points for 82. Give 1 point if the method is correct but one addition has a small slip.

Question 8: Find the mistake (2 points)

Ones: $6+8=14$, which is 1 ten and 4 ones. Priya forgot to add the regrouped ten.

$$56+28=84$$

Scoring: 1 point for the explanation (the regrouped ten was missed), 1 point for 84.

Question 9: Library books (4 points)

- a. $47+36=83$
- b. $83+14=97$, so 97 items

Scoring: 2 points for each part: 1 for a correct method and 1 for the correct answer (83, then 97).

Total
20 points