

Grade 2 · One- and Two-Step Word Problems · Test Answer Key

Common Core 2.OA.A.1 · mathovore.fr

This answer key shows full solutions and a scoring guide for each of the 9 questions. The test totals 20 points. Give credit when a student uses a different correct method, such as a bar model or counting up.

Grade 2 Common Core: 2.OA.A.1

Question 1: Marbles in a jar (2 points)

(a) $46 + 28 = ?$.

(b) $46 + 20 = 66$, $66 + 8 = 74$. There are **74 marbles**.

Scoring: 1 point for a correct equation (for example $46 + 28 = ?$). 1 point for the answer 74.

Question 2: Books on a shelf (2 points)

(a) $91 - ? = 58$.

(b) $91 - 58 = 33$. **33 books** were taken.

91	
58 left	33

Solved: $91 - 58 = 33$.

Scoring: 1 point for an equation that matches the story, such as $91 - ? = 58$ or $58 + ? = 91$. 1 point for the answer 33.

Question 3: Balloons (2 points)

(a) $37 + 45 = 82$. There are **82 balloons**.

(b) $45 - 37 = 8$. There are **8 more blue balloons**.

Scoring: 1 point for each correct answer: 82 in part (a) and 8 in part (b).

Question 4: Lost stickers (2 points)

$? - 26 = 39$. Add back what she gave away: $39 + 26 = 65$.

Aisha had **65 stickers**.

Scoring: 1 point for an equation that matches the story, such as $? - 26 = 39$. 1 point for the answer 65.

Question 5: Lemonade stand (2 points)

Step 1: $34 + 29 = 63$. Step 2: $63 - 50 = 13$.

13 cups are left.

Scoring: 1 point for the first step (63). 1 point for the final answer 13. If the first step is wrong but the second step is done correctly with that number, give 1 point for it.

Question 6: Bus passengers (2 points)

Step 1: $58 - 23 = 35$. Step 2: $35 + 17 = 52$.

The bus has **52 passengers**.

Scoring: 1 point for 35. 1 point for the final answer 52. If the first step is wrong but the second step is done correctly with that number, give 1 point for it.

Question 7: Comparing scores (3 points)

(a) $64 - 39 = 25$. Ethan scored **25 more points**.

(b) $39 + 18 = 57$. Diego scored **57 points**.

(c) $64 - 57 = 7$. Ethan scored **7 more points** than Diego.

Ethan	64
Diego	57

Ethan 64, Diego 57: the difference is 7.

Scoring: 1 point for each correct answer: 25, 57, and 7. Part (c) earns the point if the work uses the student's answer to part (b) correctly.

Question 8: Garden rows (3 points)

(a) $25 + 32 = 57$. Maya plants **57 flowers**.

(b) $57 - 14 = 43$. Jamal plants **43 flowers**.

(c) $57 + 43 = 100$. Together they plant **100 flowers**.

Scoring: 1 point for each correct answer: 57, 43, and 100. Part (c) earns the point if the work uses the student's answers to parts (a) and (b) correctly.

Question 9: Write a story (2 points)

Sample story: Mei has 72 beads. She uses 35 beads to make a bracelet. How many beads are left?

$72 - 30 = 42$, $42 - 5 = 37$. The answer is **37**.

Scoring: 1 point for a story that takes away or compares 35 from 72 and uses a sensible context. 1 point for the answer 37.

Total
20 points