

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

Common Core 2.OA.A.1 · mathovore.fr

Every solution below shows the equation and each step. Bar models are solved where a picture helps. Use the answer key to check work, and ask students to explain how they chose add or subtract.

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

Problem 1: Stickers added

Joining, total unknown: $23 + 14 = ?$. Add the tens: $20 + 10 = 30$. Add the ones: $3 + 4 = 7$. $30 + 7 = 37$.

Maya has **37 stickers**.

Problem 2: Apples picked

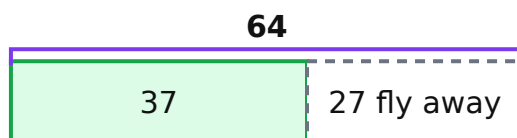
$52 + 19 = ?$. Add 20, then take back 1: $52 + 20 = 72$, $72 - 1 = 71$.

Jamal picks **71 apples**.

Problem 3: Birds fly away

Taking from, result unknown: $64 - 27 = ?$. Count back 20: $64 - 20 = 44$. Count back 7 more: $44 - 7 = 37$.

Check: $37 + 27 = 64$. **37 birds** are left.



Solved: 37 birds are left.

Problem 4: Cookies eaten

$81 - 36 = ?$. Subtract 30: $81 - 30 = 51$. Subtract 6: $51 - 6 = 45$.

45 cookies are left.

Problem 5: Red and blue pencils

Putting together, total unknown: $38+46=?$. Tens: $30+40=70$. Ones: $8+6=14$. $70+14=84$.

The box has **84 pencils**.

Problem 6: Boys and girls

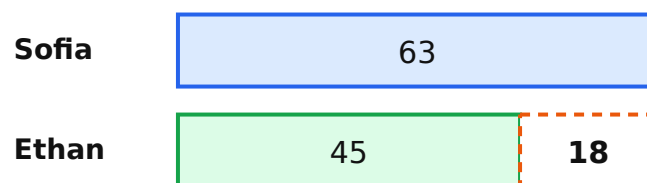
Taking apart, one part unknown: $29+?=57$ or $57-29=?$. $57-30=27$, then $27+1=28$.

Check: $29+28=57$. There are **28 girls**.

Problem 7: More books

Comparing, difference unknown: $63-45=?$. Count up from 45 to 50 is 5, then from 50 to 63 is 13. $5+13=18$.

Sofia has **18 more books**.



Solved: the difference is 18.

Problem 8: Fewer crayons

$72-49=?$. $72-50=22$, then add back 1: $22+1=23$.

Diego has **23 fewer crayons**.

Problem 9: Cards collected

Change unknown: $35+?=61$. Count up from 35 to 60 is 25, then 1 more is 26.

Check: $35+26=61$. Aisha got **26 cards**.

Problem 10: Marbles at first

Start unknown: $?-18=47$. Use the opposite operation: $47+18=?$. $47+18=65$.

Check: $65-18=47$. Noah had **65 marbles**.

Problem 11: Stamps at first

Start unknown: $? + 24 = 90$. Subtract: $90 - 24 = ?$. $90 - 20 = 70$, $70 - 4 = 66$.

Check: $66 + 24 = 90$. Mei had **66 stamps**.

Problem 12: Pretzels eaten

Change unknown: $93 - ? = 58$. Find $93 - 58$: $93 - 50 = 43$, $43 - 8 = 35$.

Check: $58 + 35 = 93$. **35 pretzels** were eaten.

Problem 13: Maya has more

Bigger number unknown: $34 + 17 = ?$. $34 + 10 = 44$, $44 + 7 = 51$.

Maya has **51 stickers**.

Problem 14: Game points

Smaller number unknown: $82 - 25 = ?$. $82 - 20 = 62$, $62 - 5 = 57$.

Check: $57 + 25 = 82$. Jamal scored **57 points**.

Problem 15: Find the missing number

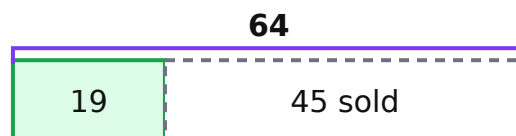
$83 - 46 = ?$. $83 - 40 = 43$, $43 - 6 = 37$. The missing number is 37.

Sample story: Diego has 46 baseball cards. He gets more cards and then has 83. He got 37 cards.

Problem 16: Bake sale

Step 1: $36 + 28 = 64$. Step 2: $64 - 45 = 19$.

19 treats are left.



Step 2: $64 - 45 = 19$.

Problem 17: Library cart

Step 1: $48 + 27 = 75$. Step 2: $75 - 35 = 40$.

The cart has **40 books**.

Problem 18: Bus ride

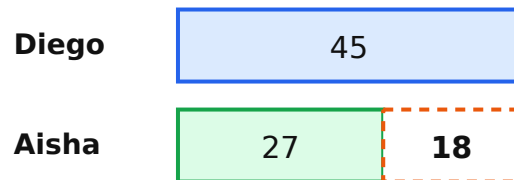
Step 1: $39 - 14 = 25$. Step 2: $25 + 22 = 47$.

The bus has **47 riders**.

Problem 19: Diego and Aisha

Step 1: Aisha has $45 - 18 = 27$ stickers. Step 2: $45 + 27 = 72$.

They have **72 stickers** in all.



Diego has 45 and Aisha has 27. Together: 72.

Problem 20: Points to win

Step 1: $29 + 38 = 67$. Step 2: $80 - 67 = 13$.

Check: $67 + 13 = 80$. Noah needs **13 more points**.

Problem 21: Fruit stand

Step 1: $34 + 28 = 62$ oranges sold. Step 2: $90 - 62 = 28$.

28 oranges are left.

Problem 22: Toy shop

Step 1: $\$19 + \$24 = \$43$. Step 2: $\$50 - \$43 = \$7$.

Sofia has **\$7** left.

Problem 23: Dog walks

Step 1: $17 + 25 = 42$. Step 2: $42 + 33 = 75$.

Mei walks **75 minutes** in all.

Problem 24: Three friends' marbles

Step 1: Liam has $56 - 19 = 37$ marbles. Step 2: Maya has $37 + 14 = 51$ marbles.

Maya has **51 marbles**.