

Grade 2 Word Problems Workbook

3 lessons · printable · answer key at the back

Name _____

Date _____

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Word Problems: Adding

WORKED EXAMPLE

Nina was given 16 pencils near the park, then 4 more.

How many pencils does Nina have now?

ANSWER: **$16 + 4 = 20$ pencils**

1. Word problems

Read each problem. Write the answer.

- 1 Max had 11 pencils near the corner shop and then bought 5 more.

How many pencils does Max have altogether?

- 2 With 8 stickers already by the park, Ava was given 7 more.

How many stickers does Ava have in all?

- 3 Zoe and Ava have some stickers — 8 belong to Zoe and 3 to Ava.

How many stickers do the two of them have in total?

- 4 Ava had 8 stickers near the park and then bought 5 more.

How many stickers does Ava have altogether?

- 5 First Nina collected 11 cookies, and then 4 more.

How many cookies does Nina have altogether?

- 6 With 16 pencils already by the corner shop, Ava was given 9 more.

How many pencils does Ava have in all?

- 7 Maya already had 20 apples and bought 3 more.

How many apples does Maya have in all?

- 8 Nina already had 15 stickers and collected 7 more.

How many stickers does Nina have in all?

Word Problems: Subtracting

WORKED EXAMPLE

Zoe began with 18 cookies; after being given some more, Zoe had 26 cookies.

How many cookies did Zoe get?

ANSWER: **$26 - 18 = 8$ cookies**

2. Word problems

Read each problem. Write the answer.

- 1 After giving away 5 of the 17 pencils, Zoe counted the rest.

How many pencils does Zoe have now?

- 2 Of the 17 stickers that Maya and Zoe share, 10 are Maya's.

How many stickers are Zoe's?

- 3 Zoe once had 13 stickers but gave away 9.

How many stickers are there now?

- 4 Zoe had 16 pencils and bought some more to reach 31 pencils.

How many pencils did Zoe buy?

- 5 After giving away 11 of the 17 apples, Nina counted the rest.

How many apples does Nina have now?

- 6 Maya and Leo share 17 cookies; 9 of them are Maya's.

How many cookies belong to Leo?

- 7 Of the 15 stickers that Ava and Max share, 12 are Ava's.

How many stickers are Max's?

- 8 Maya and Nina have 35 pencils in all, and 18 belong to Maya.

How many pencils does Nina have?

Word Problems: Mixed

WORKED EXAMPLE

Max had 20 pencils before being given 12 more at the library.

How many pencils does Max have now?

ANSWER: **$20 + 12 = 32$ pencils**

3. Word problems

Read each problem. Write the answer.

- 1 Zoe and Ava have 20 cookies between them, and 16 of them belong to Zoe.

How many cookies belong to Ava?

- 2 Nina has 8 pencils; Zoe has 5.

How many pencils do they have in all?

- 3 Together Leo and Max have 19 stickers, and 12 belong to Leo.

How many stickers belong to Max?

- 4 Zoe started with 13 stickers, collected some more, and had 17 stickers in all.

How many stickers did Zoe collect?

- 5 Ava keeps 16 apples and Maya keeps 8 apples.

What is the difference in apples between Ava and Maya?

- 6 Zoe has 18 stickers; Leo has only 14.

How many more stickers does Zoe have than Leo?

- 7 Nina counted 16 pencils at first. In the end, Nina kept 7 pencils.

How many pencils did Nina use?

- 8 Out of 17 pencils, Zoe used 16.

How many pencils does Zoe have left?

Answer Key

Word Problems: Adding

Word problems

1. $11 + 5 = 16$ pencils
2. $8 + 7 = 15$ stickers
3. $8 + 3 = 11$ stickers
4. $8 + 5 = 13$ stickers
5. $11 + 4 = 15$ cookies
6. $16 + 9 = 25$ pencils
7. $20 + 3 = 23$ apples
8. $15 + 7 = 22$ stickers

Word Problems: Subtracting

Word problems

1. $17 - 5 = 12$ pencils
2. $17 - 10 = 7$ stickers
3. $13 - 9 = 4$ stickers
4. $31 - 16 = 15$ pencils
5. $17 - 11 = 6$ apples
6. $17 - 9 = 8$ cookies
7. $15 - 12 = 3$ stickers
8. $35 - 18 = 17$ pencils

Word Problems: Mixed

Word problems

1. $20 - 16 = 4$ cookies
2. $8 + 5 = 13$ pencils
3. $19 - 12 = 7$ stickers
4. $17 - 13 = 4$ stickers
5. $16 - 8 = 8$ apples
6. $18 - 14 = 4$ stickers
7. $16 - 7 = 9$ pencils
8. $17 - 16 = 1$ pencil

Solutions

Word Problems: Adding

Word problems

1. Max had 11 pencils near the corner shop and then bought 5 more.

How many pencils does Max have altogether? ____

asked:

How many pencils does Max have altogether?

$$11 + 5 = 16$$

16 pencils

Read it through once and do NOTHING.

Grabbing the numbers on the first read means choosing an operation before you know the story, and that choice is the only hard part of a word problem.

Now the numbers: 11 and 5. Finding them is not the same as knowing what to do with them — that comes next, and it comes from the story rather than from the numbers.

Amounts are joining together. So this one is an addition: $11 + 5$.

$11 + 5 = 16$ pencils. And answer the question that was ASKED — "How many pencils does Max have altogether?" — in pencils, because the sum on its own is not yet an answer.

2. With 8 stickers already by the park, Ava was given 7 more.

How many stickers does Ava have in all? ____

asked:

How many stickers does Ava have in all?

$$8 + 7 = 15$$

15 stickers

Read it through once and do NOTHING.

Grabbing the numbers on the first read means choosing an operation before you know the story, and that choice is the only hard part of a word problem.

Now the numbers: 8 and 7. Finding them is not the same as knowing what to do with them — that comes next, and it comes from the story rather than from the numbers.

Amounts are joining together. So this one is an addition: $8 + 7$.

$8 + 7 = 15$ stickers. And answer the question that was ASKED — "How many stickers does Ava have in all?" — in stickers, because the sum on its own is not yet an answer.