

Grade 2 Adding and Subtracting Workbook

6 lessons · printable · answer key at the back

Name _____

Date _____

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WORKED EXAMPLE

$$4 + 4 = \underline{8}$$

1. Addition

Work out each sum.

- | | | | |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 1 $0 + 4 = \underline{\quad}$ | 2 $3 + 2 = \underline{\quad}$ | 3 $14 + 2 = \underline{\quad}$ | 4 $8 + 0 = \underline{\quad}$ |
| 5 $0 + 9 = \underline{\quad}$ | 6 $13 + 2 = \underline{\quad}$ | 7 $1 + 13 = \underline{\quad}$ | 8 $5 + 2 = \underline{\quad}$ |
| 9 $14 + 4 = \underline{\quad}$ | 10 $10 + 0 = \underline{\quad}$ | 11 $9 + 3 = \underline{\quad}$ | 12 $11 + 0 = \underline{\quad}$ |
| 13 $13 + 1 = \underline{\quad}$ | 14 $12 + 4 = \underline{\quad}$ | 15 $10 + 4 = \underline{\quad}$ | 16 $1 + 6 = \underline{\quad}$ |
| 17 $1 + 9 = \underline{\quad}$ | 18 $0 + 10 = \underline{\quad}$ | 19 $1 + 7 = \underline{\quad}$ | 20 $11 + 6 = \underline{\quad}$ |
| 21 $11 + 3 = \underline{\quad}$ | 22 $5 + 15 = \underline{\quad}$ | 23 $1 + 4 = \underline{\quad}$ | 24 $10 + 6 = \underline{\quad}$ |
| 25 $2 + 2 = \underline{\quad}$ | 26 $0 + 7 = \underline{\quad}$ | 27 $8 + 3 = \underline{\quad}$ | 28 $2 + 5 = \underline{\quad}$ |
| 29 $2 + 6 = \underline{\quad}$ | | | |

2. Word problems

Read each problem. Write the answer.

- 30 Zoe had 10 pencils before buying 2 more at the library.

How many pencils does Zoe have now?

- 31 First Nina bought 9 pencils, and then 2 more.

How many pencils does Nina have altogether?

Subtracting within 20

WORKED EXAMPLE

$$17 - 5 = \underline{12}$$

3. Subtraction

Work out each difference.

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 1 $14 - 2 = \underline{\quad}$ | 2 $17 - 16 = \underline{\quad}$ | 3 $12 - 12 = \underline{\quad}$ | 4 $12 - 0 = \underline{\quad}$ |
| 5 $18 - 11 = \underline{\quad}$ | 6 $13 - 1 = \underline{\quad}$ | 7 $15 - 13 = \underline{\quad}$ | 8 $5 - 1 = \underline{\quad}$ |
| 9 $6 - 6 = \underline{\quad}$ | 10 $17 - 14 = \underline{\quad}$ | 11 $6 - 1 = \underline{\quad}$ | 12 $20 - 0 = \underline{\quad}$ |
| 13 $10 - 0 = \underline{\quad}$ | 14 $16 - 15 = \underline{\quad}$ | 15 $8 - 8 = \underline{\quad}$ | 16 $17 - 10 = \underline{\quad}$ |
| 17 $8 - 0 = \underline{\quad}$ | 18 $18 - 18 = \underline{\quad}$ | 19 $14 - 11 = \underline{\quad}$ | 20 $17 - 11 = \underline{\quad}$ |
| 21 $7 - 7 = \underline{\quad}$ | 22 $7 - 6 = \underline{\quad}$ | 23 $17 - 3 = \underline{\quad}$ | 24 $19 - 0 = \underline{\quad}$ |
| 25 $14 - 10 = \underline{\quad}$ | 26 $9 - 1 = \underline{\quad}$ | 27 $13 - 7 = \underline{\quad}$ | 28 $14 - 4 = \underline{\quad}$ |
| 29 $18 - 4 = \underline{\quad}$ | 30 $17 - 13 = \underline{\quad}$ | 31 $9 - 8 = \underline{\quad}$ | 32 $8 - 1 = \underline{\quad}$ |
| 33 $15 - 15 = \underline{\quad}$ | | | |

4. Word problems

Read each problem. Write the answer.

- 34 Zoe started with 9 apples and ate 7.

How many apples does Zoe have left?

- 35 Leo set out with 9 cookies and ended up giving away 4 of them.

How many cookies are left now?

WORKED EXAMPLE

$$27 + 11 = \underline{38}$$

5. Addition

Work out each sum.

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 1 $3 + 22 = \underline{\quad}$ | 2 $26 + 11 = \underline{\quad}$ | 3 $7 + 14 = \underline{\quad}$ | 4 $5 + 37 = \underline{\quad}$ |
| 5 $23 + 1 = \underline{\quad}$ | 6 $2 + 28 = \underline{\quad}$ | 7 $2 + 14 = \underline{\quad}$ | 8 $0 + 6 = \underline{\quad}$ |
| 9 $13 + 22 = \underline{\quad}$ | 10 $34 + 14 = \underline{\quad}$ | 11 $10 + 15 = \underline{\quad}$ | 12 $20 + 21 = \underline{\quad}$ |
| 13 $0 + 23 = \underline{\quad}$ | 14 $13 + 33 = \underline{\quad}$ | 15 $22 + 3 = \underline{\quad}$ | 16 $35 + 4 = \underline{\quad}$ |
| 17 $32 + 17 = \underline{\quad}$ | 18 $9 + 4 = \underline{\quad}$ | 19 $25 + 13 = \underline{\quad}$ | 20 $17 + 4 = \underline{\quad}$ |
| 21 $25 + 23 = \underline{\quad}$ | 22 $15 + 22 = \underline{\quad}$ | 23 $0 + 10 = \underline{\quad}$ | 24 $42 + 6 = \underline{\quad}$ |
| 25 $22 + 1 = \underline{\quad}$ | 26 $11 + 23 = \underline{\quad}$ | 27 $14 + 36 = \underline{\quad}$ | 28 $1 + 14 = \underline{\quad}$ |

6. Word problems

Read each problem. Write the answer.

- 29 First Max was given 15 pencils, and then 8 more.

How many pencils does Max have altogether?

- 30 Nina keeps 14 cookies; Leo keeps 3.

How many cookies do they have in all?

Subtracting within 50

WORKED EXAMPLE

$$12 - 8 = \underline{4}$$

7. Subtraction

Work out each difference.

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 1 $15 - 13 = \underline{\quad}$ | 2 $30 - 5 = \underline{\quad}$ | 3 $27 - 13 = \underline{\quad}$ | 4 $42 - 8 = \underline{\quad}$ |
| 5 $43 - 30 = \underline{\quad}$ | 6 $16 - 8 = \underline{\quad}$ | 7 $46 - 9 = \underline{\quad}$ | 8 $8 - 8 = \underline{\quad}$ |
| 9 $39 - 4 = \underline{\quad}$ | 10 $48 - 16 = \underline{\quad}$ | 11 $1 - 0 = \underline{\quad}$ | 12 $42 - 2 = \underline{\quad}$ |
| 13 $46 - 4 = \underline{\quad}$ | 14 $27 - 11 = \underline{\quad}$ | 15 $39 - 35 = \underline{\quad}$ | 16 $43 - 25 = \underline{\quad}$ |
| 17 $12 - 3 = \underline{\quad}$ | 18 $43 - 32 = \underline{\quad}$ | 19 $43 - 5 = \underline{\quad}$ | 20 $14 - 14 = \underline{\quad}$ |
| 21 $40 - 37 = \underline{\quad}$ | 22 $36 - 20 = \underline{\quad}$ | 23 $29 - 7 = \underline{\quad}$ | 24 $48 - 45 = \underline{\quad}$ |
| 25 $34 - 27 = \underline{\quad}$ | 26 $48 - 46 = \underline{\quad}$ | 27 $32 - 32 = \underline{\quad}$ | 28 $43 - 31 = \underline{\quad}$ |

8. Word problems

Read each problem. Write the answer.

- 29 Max once had 10 apples but gave away 3.

How many apples are there now?

- 30 Maya started with 13 apples but was left with just 8 apples.

How many apples did Maya give away?

WORKED EXAMPLE

$$31 + 4 = \underline{35}$$

9. Addition

Work out each sum.

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 1 $53 + 2 = \underline{\quad}$ | 2 $45 + 5 = \underline{\quad}$ | 3 $2 + 69 = \underline{\quad}$ | 4 $31 + 17 = \underline{\quad}$ |
| 5 $19 + 33 = \underline{\quad}$ | 6 $36 + 47 = \underline{\quad}$ | 7 $44 + 34 = \underline{\quad}$ | 8 $1 + 35 = \underline{\quad}$ |
| 9 $72 + 8 = \underline{\quad}$ | 10 $41 + 56 = \underline{\quad}$ | 11 $65 + 14 = \underline{\quad}$ | 12 $2 + 4 = \underline{\quad}$ |
| 13 $17 + 69 = \underline{\quad}$ | 14 $57 + 31 = \underline{\quad}$ | 15 $5 + 85 = \underline{\quad}$ | 16 $26 + 40 = \underline{\quad}$ |
| 17 $67 + 7 = \underline{\quad}$ | | | |

10. Missing numbers

Write the missing number in each one.

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 18 $\underline{\quad} + 22 = 46$ | 19 $\underline{\quad} + 22 = 72$ | 20 $\underline{\quad} + 6 = 94$ | 21 $1 + \underline{\quad} = 11$ |
| 22 $\underline{\quad} + 57 = 64$ | 23 $63 + \underline{\quad} = 96$ | 24 $\underline{\quad} + 28 = 62$ | 25 $\underline{\quad} + 10 = 23$ |
| 26 $76 + \underline{\quad} = 90$ | 27 $34 + \underline{\quad} = 71$ | | |

11. Word problems

Read each problem. Write the answer.

- 28 Maya had 14 cookies before buying 6 more at the corner shop.

How many cookies does Maya have now?

- 29 Leo has 7 pencils while Ava has 4 pencils.

Between the two of them, how many pencils are there?

Subtracting within 100

WORKED EXAMPLE

$$64 - 33 = \underline{31}$$

12. Subtraction

Work out each difference.

1 $89 - 22 = \underline{\quad}$

2 $66 - 24 = \underline{\quad}$

3 $77 - 59 = \underline{\quad}$

4 $77 - 50 = \underline{\quad}$

5 $73 - 46 = \underline{\quad}$

6 $88 - 48 = \underline{\quad}$

7 $100 - 68 = \underline{\quad}$

8 $61 - 20 = \underline{\quad}$

9 $96 - 10 = \underline{\quad}$

10 $90 - 50 = \underline{\quad}$

11 $88 - 59 = \underline{\quad}$

12 $90 - 79 = \underline{\quad}$

13 $89 - 46 = \underline{\quad}$

14 $75 - 57 = \underline{\quad}$

15 $32 - 28 = \underline{\quad}$

16 $98 - 91 = \underline{\quad}$

17 $67 - 8 = \underline{\quad}$

18 $71 - 55 = \underline{\quad}$

19 $67 - 34 = \underline{\quad}$

20 $100 - 52 = \underline{\quad}$

21 $99 - 65 = \underline{\quad}$

22 $69 - 59 = \underline{\quad}$

23 $99 - 47 = \underline{\quad}$

24 $99 - 51 = \underline{\quad}$

25 $44 - 25 = \underline{\quad}$

26 $55 - 26 = \underline{\quad}$

27 $100 - 71 = \underline{\quad}$

28 $99 - 77 = \underline{\quad}$

13. Word problems

Read each problem. Write the answer.

- 29 Ava had 11 stickers and bought some more to reach 18 stickers.

How many stickers did Ava buy?

- 30 Leo started with 18 stickers and gave away 7.

How many stickers does Leo have left?

Answer Key (1 of 3)

Adding within 20

Addition

1. $0 + 4 = 4$
2. $3 + 2 = 5$
3. $14 + 2 = 16$
4. $8 + 0 = 8$
5. $0 + 9 = 9$
6. $13 + 2 = 15$
7. $1 + 13 = 14$
8. $5 + 2 = 7$
9. $14 + 4 = 18$
10. $10 + 0 = 10$
11. $9 + 3 = 12$
12. $11 + 0 = 11$
13. $13 + 1 = 14$
14. $12 + 4 = 16$
15. $10 + 4 = 14$
16. $1 + 6 = 7$
17. $1 + 9 = 10$
18. $0 + 10 = 10$
19. $1 + 7 = 8$
20. $11 + 6 = 17$
21. $11 + 3 = 14$
22. $5 + 15 = 20$
23. $1 + 4 = 5$
24. $10 + 6 = 16$
25. $2 + 2 = 4$
26. $0 + 7 = 7$
27. $8 + 3 = 11$
28. $2 + 5 = 7$
29. $2 + 6 = 8$

Word problems

30. $10 + 2 = 12$ pencils
31. $9 + 2 = 11$ pencils

Subtracting within 20

Subtraction

1. $14 - 2 = 12$
2. $17 - 16 = 1$
3. $12 - 12 = 0$
4. $12 - 0 = 12$
5. $18 - 11 = 7$
6. $13 - 1 = 12$

Subtracting within 20 (continued)

Subtraction (continued)

7. $15 - 13 = 2$
8. $5 - 1 = 4$
9. $6 - 6 = 0$
10. $17 - 14 = 3$
11. $6 - 1 = 5$
12. $20 - 0 = 20$
13. $10 - 0 = 10$
14. $16 - 15 = 1$
15. $8 - 8 = 0$
16. $17 - 10 = 7$
17. $8 - 0 = 8$
18. $18 - 18 = 0$
19. $14 - 11 = 3$
20. $17 - 11 = 6$
21. $7 - 7 = 0$
22. $7 - 6 = 1$
23. $17 - 3 = 14$
24. $19 - 0 = 19$
25. $14 - 10 = 4$
26. $9 - 1 = 8$
27. $13 - 7 = 6$
28. $14 - 4 = 10$
29. $18 - 4 = 14$
30. $17 - 13 = 4$
31. $9 - 8 = 1$
32. $8 - 1 = 7$
33. $15 - 15 = 0$

Word problems

34. $9 - 7 = 2$ apples
35. $9 - 4 = 5$ cookies

Adding within 50

Addition

1. $3 + 22 = 25$
2. $26 + 11 = 37$
3. $7 + 14 = 21$
4. $5 + 37 = 42$
5. $23 + 1 = 24$
6. $2 + 28 = 30$
7. $2 + 14 = 16$
8. $0 + 6 = 6$

Answer Key (2 of 3)

Adding within 50 (continued)

Addition (continued)

9. $13 + 22 = 35$
10. $34 + 14 = 48$
11. $10 + 15 = 25$
12. $20 + 21 = 41$
13. $0 + 23 = 23$
14. $13 + 33 = 46$
15. $22 + 3 = 25$
16. $35 + 4 = 39$
17. $32 + 17 = 49$
18. $9 + 4 = 13$
19. $25 + 13 = 38$
20. $17 + 4 = 21$
21. $25 + 23 = 48$
22. $15 + 22 = 37$
23. $0 + 10 = 10$
24. $42 + 6 = 48$
25. $22 + 1 = 23$
26. $11 + 23 = 34$
27. $14 + 36 = 50$
28. $1 + 14 = 15$

Word problems

29. $15 + 8 = 23$ pencils
30. $14 + 3 = 17$ cookies

Subtracting within 50

Subtraction

1. $15 - 13 = 2$
2. $30 - 5 = 25$
3. $27 - 13 = 14$
4. $42 - 8 = 34$
5. $43 - 30 = 13$
6. $16 - 8 = 8$
7. $46 - 9 = 37$
8. $8 - 8 = 0$
9. $39 - 4 = 35$
10. $48 - 16 = 32$
11. $1 - 0 = 1$
12. $42 - 2 = 40$
13. $46 - 4 = 42$
14. $27 - 11 = 16$
15. $39 - 35 = 4$

Subtracting within 50 (continued)

Subtraction (continued)

16. $43 - 25 = 18$
17. $12 - 3 = 9$
18. $43 - 32 = 11$
19. $43 - 5 = 38$
20. $14 - 14 = 0$
21. $40 - 37 = 3$
22. $36 - 20 = 16$
23. $29 - 7 = 22$
24. $48 - 45 = 3$
25. $34 - 27 = 7$
26. $48 - 46 = 2$
27. $32 - 32 = 0$
28. $43 - 31 = 12$

Word problems

29. $10 - 3 = 7$ apples
30. $13 - 8 = 5$ apples

Adding within 100

Addition

1. $53 + 2 = 55$
2. $45 + 5 = 50$
3. $2 + 69 = 71$
4. $31 + 17 = 48$
5. $19 + 33 = 52$
6. $36 + 47 = 83$
7. $44 + 34 = 78$
8. $1 + 35 = 36$
9. $72 + 8 = 80$
10. $41 + 56 = 97$
11. $65 + 14 = 79$
12. $2 + 4 = 6$
13. $17 + 69 = 86$
14. $57 + 31 = 88$
15. $5 + 85 = 90$
16. $26 + 40 = 66$
17. $67 + 7 = 74$

Missing numbers

18. $24 + 22 = 46$
19. $50 + 22 = 72$
20. $88 + 6 = 94$
21. $1 + 10 = 11$

Answer Key (3 of 3)

Adding within 100 (continued)

Missing numbers (continued)

- 22. $7 + 57 = 64$
- 23. $63 + 33 = 96$
- 24. $34 + 28 = 62$
- 25. $13 + 10 = 23$
- 26. $76 + 14 = 90$
- 27. $34 + 37 = 71$

Word problems

- 28. $14 + 6 = 20$ cookies
- 29. $7 + 4 = 11$ pencils

Subtracting within 100

Subtraction

- 1. $89 - 22 = 67$
- 2. $66 - 24 = 42$
- 3. $77 - 59 = 18$
- 4. $77 - 50 = 27$
- 5. $73 - 46 = 27$
- 6. $88 - 48 = 40$
- 7. $100 - 68 = 32$
- 8. $61 - 20 = 41$
- 9. $96 - 10 = 86$
- 10. $90 - 50 = 40$
- 11. $88 - 59 = 29$
- 12. $90 - 79 = 11$
- 13. $89 - 46 = 43$
- 14. $75 - 57 = 18$
- 15. $32 - 28 = 4$
- 16. $98 - 91 = 7$
- 17. $67 - 8 = 59$
- 18. $71 - 55 = 16$
- 19. $67 - 34 = 33$
- 20. $100 - 52 = 48$
- 21. $99 - 65 = 34$
- 22. $69 - 59 = 10$
- 23. $99 - 47 = 52$
- 24. $99 - 51 = 48$
- 25. $44 - 25 = 19$
- 26. $55 - 26 = 29$
- 27. $100 - 71 = 29$

Subtracting within 100 (continued)

Subtraction (continued)

28. $99 - 77 = 22$

Word problems

- 29. $18 - 11 = 7$ stickers
- 30. $18 - 7 = 11$ stickers

Solutions

Adding within 20

Word problems

30. Zoe had 10 pencils before buying 2 more at the library.

How many pencils does Zoe have now? ____

asked:

How many pencils does Zoe have
now?

$$10 + 2 = 12$$

12 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: 10 and 2. 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: $10 + 2$.

$10 + 2 = 12$ pencils. And answer the question that was ASKED — "How many pencils does Zoe have now?" — in pencils, because the sum on its own is not yet an answer.

31. First Nina bought 9 pencils, and then 2 more.

How many pencils does Nina have altogether? ____

asked:

How many pencils does Nina have
altogether?

$$9 + 2 = 11$$

11 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: 9 and 2. 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: $9 + 2$.

$9 + 2 = 11$ pencils. And answer the question that was ASKED — "How many pencils does Nina have altogether?" — in pencils, because the sum on its own is not yet an answer.