

Grade 1 Adding and Subtracting Workbook

6 lessons · printable · answer key at the back

Name _____ Date _____

Contents

Chapter 1 · Adding and subtracting

1-1 Adding within 10	1
1-2 Subtracting within 10	2
1-3 Making 10	3
1-4 Adding within 20	4
1-5 Subtracting within 20	5
1-6 Missing Numbers	6

Adding within 10

WORKED EXAMPLE

$$2 + 6 = \underline{8}$$

1. Addition

Work out each sum.

- | | | | | | | | |
|----|-----------------------------|----|-----------------------------|----|-----------------------------|----|-----------------------------|
| 1 | $2 + 2 = \underline{\quad}$ | 2 | $1 + 3 = \underline{\quad}$ | 3 | $5 + 2 = \underline{\quad}$ | 4 | $4 + 2 = \underline{\quad}$ |
| 5 | $4 + 0 = \underline{\quad}$ | 6 | $7 + 1 = \underline{\quad}$ | 7 | $1 + 1 = \underline{\quad}$ | 8 | $5 + 1 = \underline{\quad}$ |
| 9 | $5 + 5 = \underline{\quad}$ | 10 | $0 + 6 = \underline{\quad}$ | 11 | $2 + 5 = \underline{\quad}$ | 12 | $3 + 3 = \underline{\quad}$ |
| 13 | $2 + 3 = \underline{\quad}$ | 14 | $8 + 0 = \underline{\quad}$ | | | | |

2. Word problems

Read each problem. Write the answer.

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

How many pencils does Zoe have now?

- 16 First Leo bought 5 stickers, and then 4 more.

How many stickers does Leo have altogether?

Subtracting within 10

WORKED EXAMPLE

$$7 - 1 = \underline{6}$$

3. Subtraction

Work out each difference.

1 $5 - 4 = \underline{\quad}$

2 $8 - 7 = \underline{\quad}$

3 $4 - 1 = \underline{\quad}$

4 $2 - 0 = \underline{\quad}$

5 $9 - 5 = \underline{\quad}$

6 $3 - 2 = \underline{\quad}$

7 $8 - 6 = \underline{\quad}$

8 $4 - 0 = \underline{\quad}$

9 $6 - 6 = \underline{\quad}$

10 $7 - 5 = \underline{\quad}$

11 $5 - 1 = \underline{\quad}$

12 $10 - 5 = \underline{\quad}$

13 $3 - 1 = \underline{\quad}$

14 $8 - 5 = \underline{\quad}$

4. Word problems

Read each problem. Write the answer.

- 15 Out of 9 cookies, Leo gave away 8.

How many cookies does Leo have left?

- 16 Out of 8 apples, Maya ate 4.

How many apples does Maya have left?

Making 10

WORKED EXAMPLE

$$9 + \underline{1} = 10$$

5. Make ten

Write the number that makes each one.

$1 \quad 7 + \underline{\quad} = 10 \quad 2 \quad 8 + \underline{\quad} = 10 \quad 3 \quad 3 + \underline{\quad} = 10 \quad 4 \quad 1 + \underline{\quad} = 10$

$5 \quad 4 + \underline{\quad} = 10 \quad 6 \quad 2 + \underline{\quad} = 10 \quad 7 \quad 6 + \underline{\quad} = 10 \quad 8 \quad 5 + \underline{\quad} = 10$

Adding within 20

WORKED EXAMPLE

$$6 + 2 = \underline{8}$$

6. Addition

Work out each sum.

1 $1 + 11 = \underline{\quad}$

2 $7 + 5 = \underline{\quad}$

3 $7 + 0 = \underline{\quad}$

4 $1 + 19 = \underline{\quad}$

5 $9 + 4 = \underline{\quad}$

6 $12 + 1 = \underline{\quad}$

7 $15 + 3 = \underline{\quad}$

8 $3 + 3 = \underline{\quad}$

9 $10 + 6 = \underline{\quad}$

10 $2 + 16 = \underline{\quad}$

11 $3 + 6 = \underline{\quad}$

12 $16 + 1 = \underline{\quad}$

13 $9 + 8 = \underline{\quad}$

14 $3 + 2 = \underline{\quad}$

15 $3 + 12 = \underline{\quad}$

16 $13 + 5 = \underline{\quad}$

17 $2 + 2 = \underline{\quad}$

18 $0 + 17 = \underline{\quad}$

19 $6 + 12 = \underline{\quad}$

7. Word problems

Read each problem. Write the answer.

- 20 Ava collected 8 cookies near the corner shop, then 2 more.

How many cookies does Ava have now?

- 21 Zoe keeps 6 pencils and Max keeps 3.

How many pencils do they have altogether?

Subtracting within 20

WORKED EXAMPLE

$$13 - 9 = \underline{4}$$

8. Subtraction

Work out each difference.

1 $10 - 0 = \underline{\quad}$

2 $15 - 11 = \underline{\quad}$

3 $19 - 5 = \underline{\quad}$

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

5 $17 - 3 = \underline{\quad}$

6 $18 - 3 = \underline{\quad}$

7 $16 - 13 = \underline{\quad}$

8 $14 - 2 = \underline{\quad}$

9 $14 - 8 = \underline{\quad}$

10 $19 - 4 = \underline{\quad}$

11 $12 - 8 = \underline{\quad}$

12 $6 - 2 = \underline{\quad}$

13 $20 - 4 = \underline{\quad}$

14 $15 - 10 = \underline{\quad}$

9. Word problems

Read each problem. Write the answer.

- 15 Nina started with 5 stickers and gave away 3.

How many stickers does Nina have left?

- 16 Out of 8 stickers, Ava gave away 4.

How many stickers does Ava have left?

Missing Numbers

WORKED EXAMPLE

$$\underline{1} + 15 = 16$$

10. Missing numbers

Write the missing number in each one.

1 $\underline{\quad} + 1 = 17$

2 $\underline{\quad} + 0 = 7$

3 $9 + \underline{\quad} = 20$

4 $10 + \underline{\quad} = 16$

5 $13 + \underline{\quad} = 20$

6 $\underline{\quad} + 3 = 11$

7 $8 + \underline{\quad} = 19$

8 $0 + \underline{\quad} = 3$

9 $\underline{\quad} + 9 = 16$

10 $\underline{\quad} + 10 = 15$

11 $\underline{\quad} + 18 = 19$

12 $\underline{\quad} + 17 = 18$

13 $5 + \underline{\quad} = 10$

14 $\underline{\quad} + 20 = 20$

15 $\underline{\quad} + 6 = 7$

16 $9 + \underline{\quad} = 17$

17 $15 + \underline{\quad} = 15$

18 $3 + \underline{\quad} = 18$

19 $6 + \underline{\quad} = 13$

20 $19 + \underline{\quad} = 19$

21 $8 + \underline{\quad} = 15$

22 $4 + \underline{\quad} = 15$

23 $\underline{\quad} + 14 = 18$

11. Missing numbers

Write the missing number in each one.

24 $\underline{\quad} - 2 = 8$

25 $\underline{\quad} - 0 = 12$

26 $19 - \underline{\quad} = 11$

27 $16 - \underline{\quad} = 2$

28 $20 - \underline{\quad} = 18$

29 $\underline{\quad} - 9 = 4$

30 $\underline{\quad} - 9 = 8$

31 $\underline{\quad} - 1 = 8$

32 $\underline{\quad} - 9 = 7$

33 $11 - \underline{\quad} = 9$

34 $\underline{\quad} - 5 = 14$

35 $\underline{\quad} - 0 = 20$

36 $17 - \underline{\quad} = 7$

37 $\underline{\quad} - 15 = 5$

38 $3 - \underline{\quad} = 1$

39 $\underline{\quad} - 9 = 5$

40 $13 - \underline{\quad} = 9$

41 $\underline{\quad} - 5 = 15$

42 $17 - \underline{\quad} = 17$

43 $20 - \underline{\quad} = 8$

44 $19 - \underline{\quad} = 3$

45 $11 - \underline{\quad} = 3$

46 $\underline{\quad} - 9 = 6$

47 $\underline{\quad} - 9 = 10$

Answer Key (1 of 2)

Adding within 10

Addition

1. $2 + 2 = 4$
2. $1 + 3 = 4$
3. $5 + 2 = 7$
4. $4 + 2 = 6$
5. $4 + 0 = 4$
6. $7 + 1 = 8$
7. $1 + 1 = 2$
8. $5 + 1 = 6$
9. $5 + 5 = 10$
10. $0 + 6 = 6$
11. $2 + 5 = 7$
12. $3 + 3 = 6$
13. $2 + 3 = 5$
14. $8 + 0 = 8$

Word problems

15. $10 + 2 = 12$ pencils
16. $5 + 4 = 9$ stickers

Subtracting within 10

Subtraction

1. $5 - 4 = 1$
2. $8 - 7 = 1$
3. $4 - 1 = 3$
4. $2 - 0 = 2$
5. $9 - 5 = 4$
6. $3 - 2 = 1$
7. $8 - 6 = 2$
8. $4 - 0 = 4$
9. $6 - 6 = 0$
10. $7 - 5 = 2$
11. $5 - 1 = 4$
12. $10 - 5 = 5$
13. $3 - 1 = 2$
14. $8 - 5 = 3$

Word problems

15. $9 - 8 = 1$ cookie

Subtracting within 10 (continued)

Word problems (continued)

16. $8 - 4 = 4$ apples

Making 10

Make ten

1. $7 + 3 = 10$
2. $8 + 2 = 10$
3. $3 + 7 = 10$
4. $1 + 9 = 10$
5. $4 + 6 = 10$
6. $2 + 8 = 10$
7. $6 + 4 = 10$
8. $5 + 5 = 10$

Adding within 20

Addition

1. $1 + 11 = 12$
2. $7 + 5 = 12$
3. $7 + 0 = 7$
4. $1 + 19 = 20$
5. $9 + 4 = 13$
6. $12 + 1 = 13$
7. $15 + 3 = 18$
8. $3 + 3 = 6$
9. $10 + 6 = 16$
10. $2 + 16 = 18$
11. $3 + 6 = 9$
12. $16 + 1 = 17$
13. $9 + 8 = 17$
14. $3 + 2 = 5$
15. $3 + 12 = 15$
16. $13 + 5 = 18$
17. $2 + 2 = 4$
18. $0 + 17 = 17$
19. $6 + 12 = 18$

Word problems

20. $8 + 2 = 10$ cookies
21. $6 + 3 = 9$ pencils

Answer Key (2 of 2)

Subtracting within 20

Subtraction

1. $10 - 0 = 10$
2. $15 - 11 = 4$
3. $19 - 5 = 14$
4. $4 - 4 = 0$
5. $17 - 3 = 14$
6. $18 - 3 = 15$
7. $16 - 13 = 3$
8. $14 - 2 = 12$
9. $14 - 8 = 6$
10. $19 - 4 = 15$
11. $12 - 8 = 4$
12. $6 - 2 = 4$
13. $20 - 4 = 16$
14. $15 - 10 = 5$

Word problems

15. $5 - 3 = 2$ stickers
16. $8 - 4 = 4$ stickers

Missing Numbers

Missing numbers

1. $16 + 1 = 17$
2. $7 + 0 = 7$
3. $9 + 11 = 20$
4. $10 + 6 = 16$
5. $13 + 7 = 20$
6. $8 + 3 = 11$
7. $8 + 11 = 19$
8. $0 + 3 = 3$
9. $7 + 9 = 16$
10. $5 + 10 = 15$
11. $1 + 18 = 19$
12. $1 + 17 = 18$
13. $5 + 5 = 10$
14. $0 + 20 = 20$
15. $1 + 6 = 7$

Missing Numbers (continued)

Missing numbers (continued)

16. $9 + 8 = 17$
17. $15 + 0 = 15$
18. $3 + 15 = 18$
19. $6 + 7 = 13$
20. $19 + 0 = 19$
21. $8 + 7 = 15$
22. $4 + 11 = 15$
23. $4 + 14 = 18$

Missing numbers

24. $10 - 2 = 8$
25. $12 - 0 = 12$
26. $19 - 8 = 11$
27. $16 - 14 = 2$
28. $20 - 2 = 18$
29. $13 - 9 = 4$
30. $17 - 9 = 8$
31. $9 - 1 = 8$
32. $16 - 9 = 7$
33. $11 - 2 = 9$
34. $19 - 5 = 14$
35. $20 - 0 = 20$
36. $17 - 10 = 7$
37. $20 - 15 = 5$
38. $3 - 2 = 1$
39. $14 - 9 = 5$
40. $13 - 4 = 9$
41. $20 - 5 = 15$
42. $17 - 0 = 17$
43. $20 - 12 = 8$
44. $19 - 16 = 3$
45. $11 - 8 = 3$
46. $15 - 9 = 6$
47. $19 - 9 = 10$

Solutions (1 of 3)

Adding within 10

Word problems

15. 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.

Solutions (2 of 3)

Adding within 10 (continued)

Word problems (continued)

16. First Leo bought 5 stickers, and then 4 more.

How many stickers does Leo have altogether? ____

asked:

How many stickers does Leo have altogether?

$$5 + 4 = 9$$

9 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: 5 and 4. 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: $5 + 4$.

$5 + 4 = 9$ stickers. And answer the question that was ASKED — "How many stickers does Leo have altogether?" — in stickers, because the sum on its own is not yet an answer.

Solutions (3 of 3)

Making 10

Make ten

1. $7 + \underline{\quad} = 10$



$$7 + 3 = 10$$

7 and 3 3 and 7

Picture ten spaces in a row with 7 of them filled. The question is how many are still empty — not a sum to work out so much as a gap to see.

Count the empty ones: 3. So 7 and 3 make 10.

This pair is worth knowing by heart rather than counting each time — there are only five of them for ten, and 3 and 7 is the same pair the other way round. They are what makes $8 + 5$ easy later: take 2 from the 5 to finish the ten.

2. $8 + \underline{\quad} = 10$



$$8 + 2 = 10$$

8 and 2 2 and 8

Picture ten spaces in a row with 8 of them filled. The question is how many are still empty — not a sum to work out so much as a gap to see.

Count the empty ones: 2. So 8 and 2 make 10.

This pair is worth knowing by heart rather than counting each time — there are only five of them for ten, and 2 and 8 is the same pair the other way round. They are what makes $8 + 5$ easy later: take 2 from the 5 to finish the ten.