

Grade 2 Math Review Workbook

4 lessons · printable · answer key at the back

Name _____

Date _____

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Subtracting within 100

WORKED EXAMPLE

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

1. Subtraction

Work out each difference.

- | | | | | | | | |
|----|-------------------------------|----|-------------------------------|----|-------------------------------|----|-------------------------------|
| 1 | $40 - 40 = \underline{\quad}$ | 2 | $65 - 52 = \underline{\quad}$ | 3 | $68 - 10 = \underline{\quad}$ | 4 | $20 - 14 = \underline{\quad}$ |
| 5 | $59 - 58 = \underline{\quad}$ | 6 | $83 - 83 = \underline{\quad}$ | 7 | $44 - 40 = \underline{\quad}$ | 8 | $33 - 18 = \underline{\quad}$ |
| 9 | $96 - 14 = \underline{\quad}$ | 10 | $30 - 8 = \underline{\quad}$ | 11 | $73 - 70 = \underline{\quad}$ | 12 | $29 - 10 = \underline{\quad}$ |
| 13 | $63 - 2 = \underline{\quad}$ | 14 | $74 - 62 = \underline{\quad}$ | 15 | $41 - 26 = \underline{\quad}$ | 16 | $25 - 0 = \underline{\quad}$ |
| 17 | $79 - 15 = \underline{\quad}$ | 18 | $66 - 66 = \underline{\quad}$ | 19 | $29 - 4 = \underline{\quad}$ | 20 | $52 - 26 = \underline{\quad}$ |
| 21 | $46 - 11 = \underline{\quad}$ | 22 | $98 - 49 = \underline{\quad}$ | 23 | $24 - 15 = \underline{\quad}$ | 24 | $62 - 33 = \underline{\quad}$ |
| 25 | $28 - 15 = \underline{\quad}$ | 26 | $12 - 2 = \underline{\quad}$ | 27 | $84 - 70 = \underline{\quad}$ | 28 | $26 - 7 = \underline{\quad}$ |

2. Word problems

Read each problem. Write the answer.

- 29 Max started with 19 apples and ate 17.

How many apples does Max have left?

- 30 Maya had 7 pencils and collected some more to reach 10 pencils.

How many pencils did Maya collect?

Column Subtraction

WORKED EXAMPLE

$$\begin{array}{r} \text{4 11} \\ 251 \\ - 144 \\ \hline 107 \end{array}$$

3. Add and subtract multi-digit numbers

Subtract. Work down the columns.

$$\begin{array}{r} 1 \quad 480 \\ - 236 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 827 \\ - 566 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 588 \\ - 174 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 591 \\ - 588 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 850 \\ - 749 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 736 \\ - 392 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 510 \\ - 505 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 603 \\ - 155 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 679 \\ - 262 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \quad 989 \\ - 563 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \quad 454 \\ - 191 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 624 \\ - 224 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \quad 717 \\ - 203 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \quad 859 \\ - 647 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \quad 383 \\ - 373 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \quad 688 \\ - 585 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \quad 621 \\ - 138 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \quad 855 \\ - 636 \\ \hline \end{array}$$

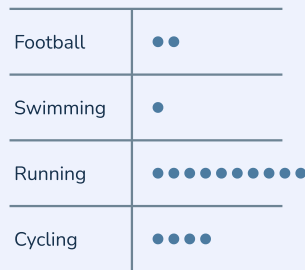
$$\begin{array}{r} 19 \quad 293 \\ - 138 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \quad 742 \\ - 210 \\ \hline \end{array}$$

Picture Graphs and Bar Graphs

WORKED EXAMPLE

Our favorite sport



Each ● stands for 1.

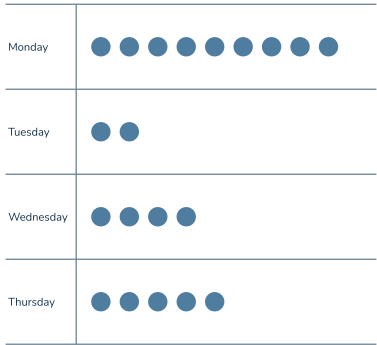
How many more chose running than chose football?

ANSWER: 8

4. Picture graphs

Read each picture graph and answer the question.

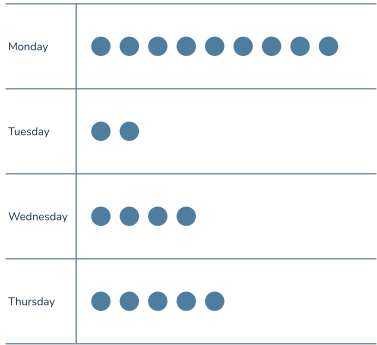
1 Shells found on the beach



Each ● stands for 1.

Which has the fewest?

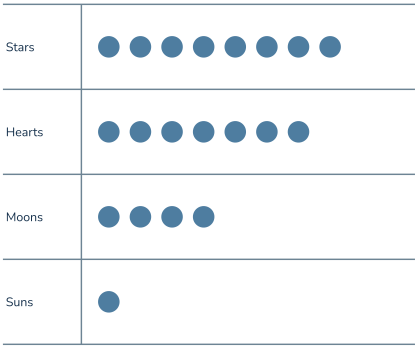
2 Shells found on the beach



Each ● stands for 1.

How many altogether?

3 Stickers in each packet



Each ● stands for 1.

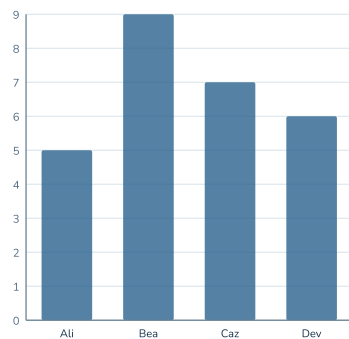
How many fewer hearts than stars?

5. Bar graphs

Read each bar graph and answer the question.

4

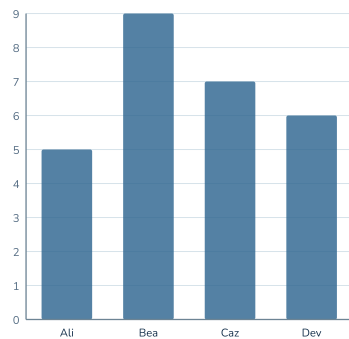
Books read this term



Which has the most?

5

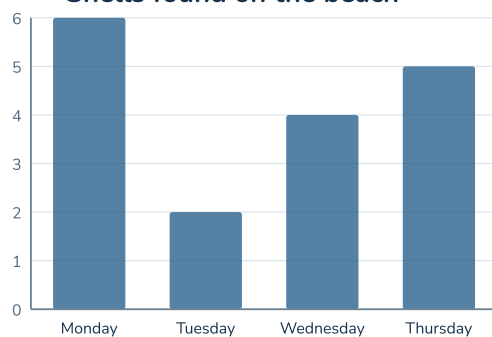
Books read this term



Which has the fewest?

6

Shells found on the beach



How many fewer on Tuesday than on Monday?

Review: Two-Digit Numbers

WORKED EXAMPLE

$$44 + 14 = \underline{58}$$

6. Addition

Work out each sum.

1 $33 + 29 = \underline{\quad}$

4 $48 + 40 = \underline{\quad}$

7 $0 + 92 = \underline{\quad}$

10 $12 + 72 = \underline{\quad}$

13 $10 + 81 = \underline{\quad}$

16 $37 + 34 = \underline{\quad}$

19 $47 + 13 = \underline{\quad}$

22 $41 + 46 = \underline{\quad}$

25 $3 + 50 = \underline{\quad}$

2 $30 + 11 = \underline{\quad}$

5 $18 + 56 = \underline{\quad}$

8 $1 + 42 = \underline{\quad}$

11 $64 + 27 = \underline{\quad}$

14 $29 + 62 = \underline{\quad}$

17 $58 + 7 = \underline{\quad}$

20 $9 + 84 = \underline{\quad}$

23 $52 + 48 = \underline{\quad}$

26 $78 + 11 = \underline{\quad}$

3 $57 + 35 = \underline{\quad}$

6 $12 + 56 = \underline{\quad}$

9 $91 + 5 = \underline{\quad}$

12 $9 + 69 = \underline{\quad}$

15 $16 + 50 = \underline{\quad}$

18 $14 + 82 = \underline{\quad}$

21 $67 + 25 = \underline{\quad}$

24 $8 + 85 = \underline{\quad}$

27 $32 + 68 = \underline{\quad}$

7. Subtraction

Work out each difference.

28 $77 - 61 = \underline{\quad}$

31 $84 - 32 = \underline{\quad}$

34 $100 - 19 = \underline{\quad}$

37 $52 - 48 = \underline{\quad}$

40 $81 - 21 = \underline{\quad}$

43 $90 - 89 = \underline{\quad}$

46 $61 - 47 = \underline{\quad}$

49 $77 - 6 = \underline{\quad}$

52 $35 - 18 = \underline{\quad}$

29 $21 - 2 = \underline{\quad}$

32 $93 - 57 = \underline{\quad}$

35 $36 - 3 = \underline{\quad}$

38 $98 - 76 = \underline{\quad}$

41 $95 - 74 = \underline{\quad}$

44 $78 - 72 = \underline{\quad}$

47 $70 - 17 = \underline{\quad}$

50 $93 - 68 = \underline{\quad}$

53 $89 - 54 = \underline{\quad}$

30 $96 - 21 = \underline{\quad}$

33 $78 - 34 = \underline{\quad}$

36 $93 - 63 = \underline{\quad}$

39 $100 - 55 = \underline{\quad}$

42 $9 - 2 = \underline{\quad}$

45 $95 - 5 = \underline{\quad}$

48 $97 - 27 = \underline{\quad}$

51 $96 - 27 = \underline{\quad}$

54 $100 - 0 = \underline{\quad}$

Answer Key (1 of 2)

Subtracting within 100

Subtraction

1. $40 - 40 = 0$
2. $65 - 52 = 13$
3. $68 - 10 = 58$
4. $20 - 14 = 6$
5. $59 - 58 = 1$
6. $83 - 83 = 0$
7. $44 - 40 = 4$
8. $33 - 18 = 15$
9. $96 - 14 = 82$
10. $30 - 8 = 22$
11. $73 - 70 = 3$
12. $29 - 10 = 19$
13. $63 - 2 = 61$
14. $74 - 62 = 12$
15. $41 - 26 = 15$
16. $25 - 0 = 25$
17. $79 - 15 = 64$
18. $66 - 66 = 0$
19. $29 - 4 = 25$
20. $52 - 26 = 26$
21. $46 - 11 = 35$
22. $98 - 49 = 49$
23. $24 - 15 = 9$
24. $62 - 33 = 29$
25. $28 - 15 = 13$
26. $12 - 2 = 10$
27. $84 - 70 = 14$
28. $26 - 7 = 19$

Word problems

29. $19 - 17 = 2$ apples
30. $10 - 7 = 3$ pencils

Column Subtraction

Add and subtract multi-digit numbers

1. $480 - 236 = 244$
2. $827 - 566 = 261$
3. $588 - 174 = 414$
4. $591 - 588 = 3$
5. $850 - 749 = 101$
6. $736 - 392 = 344$
7. $510 - 505 = 5$

Column Subtraction (continued)

Add and subtract multi-digit numbers (continued)

8. $603 - 155 = 448$
9. $679 - 262 = 417$
10. $989 - 563 = 426$
11. $454 - 191 = 263$
12. $624 - 224 = 400$
13. $717 - 203 = 514$
14. $859 - 647 = 212$
15. $383 - 373 = 10$
16. $688 - 585 = 103$
17. $621 - 138 = 483$
18. $855 - 636 = 219$
19. $293 - 138 = 155$
20. $742 - 210 = 532$

Picture Graphs and Bar Graphs

Picture graphs

1. Tuesday (2)
2. $9 + 2 + 4 + 5 = 20$
3. Hearts is $8 - 7 = 1$ fewer than Stars

Bar graphs

4. Bea (9)
5. Ali (5)
6. Tuesday is $6 - 2 = 4$ fewer than Monday

Review: Two-Digit Numbers

Addition

1. $33 + 29 = 62$
2. $30 + 11 = 41$
3. $57 + 35 = 92$
4. $48 + 40 = 88$
5. $18 + 56 = 74$
6. $12 + 56 = 68$
7. $0 + 92 = 92$
8. $1 + 42 = 43$
9. $91 + 5 = 96$
10. $12 + 72 = 84$
11. $64 + 27 = 91$
12. $9 + 69 = 78$
13. $10 + 81 = 91$
14. $29 + 62 = 91$
15. $16 + 50 = 66$

Answer Key (2 of 2)

Review: Two-Digit Numbers (continued)

Addition (continued)

- 16. $37 + 34 = 71$
- 17. $58 + 7 = 65$
- 18. $14 + 82 = 96$
- 19. $47 + 13 = 60$
- 20. $9 + 84 = 93$
- 21. $67 + 25 = 92$
- 22. $41 + 46 = 87$
- 23. $52 + 48 = 100$
- 24. $8 + 85 = 93$
- 25. $3 + 50 = 53$
- 26. $78 + 11 = 89$
- 27. $32 + 68 = 100$

Subtraction

- 28. $77 - 61 = 16$
- 29. $21 - 2 = 19$
- 30. $96 - 21 = 75$
- 31. $84 - 32 = 52$
- 32. $93 - 57 = 36$
- 33. $78 - 34 = 44$
- 34. $100 - 19 = 81$
- 35. $36 - 3 = 33$
- 36. $93 - 63 = 30$
- 37. $52 - 48 = 4$
- 38. $98 - 76 = 22$
- 39. $100 - 55 = 45$
- 40. $81 - 21 = 60$
- 41. $95 - 74 = 21$
- 42. $9 - 2 = 7$
- 43. $90 - 89 = 1$
- 44. $78 - 72 = 6$
- 45. $95 - 5 = 90$
- 46. $61 - 47 = 14$
- 47. $70 - 17 = 53$
- 48. $97 - 27 = 70$
- 49. $77 - 6 = 71$
- 50. $93 - 68 = 25$
- 51. $96 - 27 = 69$
- 52. $35 - 18 = 17$
- 53. $89 - 54 = 35$

Review: Two-Digit Numbers (continued)

Subtraction (continued)

- 54. $100 - 0 = 100$

Solutions (1 of 5)

Subtracting within 100

Word problems

29. Max started with 19 apples and ate 17.

How many apples does Max have left? ____

asked:

How many apples does Max have left?

$$19 - 17 = 2$$

2 apples

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: 19 and 17. 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.

Something is being taken away or compared. So this one is a subtraction: $19 - 17$.

$19 - 17 = 2$ apples. And answer the question that was ASKED — "How many apples does Max have left?" — in apples, because the sum on its own is not yet an answer.

30. Maya had 7 pencils and collected some more to reach 10 pencils.

How many pencils did Maya collect? ____

asked:

How many pencils did Maya collect?

$$10 - 7 = 3$$

3 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 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.

Something is being taken away or compared. So this one is a subtraction: $10 - 7$.

$10 - 7 = 3$ pencils. And answer the question that was ASKED — "How many pencils did Maya collect?" — in pencils, because the sum on its own is not yet an answer.

Solutions (2 of 5)

Column Subtraction

Add and subtract multi-digit numbers

1.

$$\begin{array}{r} 7 \text{ } 10 \\ 4 \text{ } \cancel{8} \text{ } \cancel{0} \\ - 2 \text{ } 3 \text{ } 6 \\ \hline 2 \text{ } 4 \text{ } 4 \end{array}$$

480 – 236, written in columns. Start at the RIGHT, with the ones.

0 is too small to take 6 from, so a ten comes across from the left: the ones now holds 10. $10 - 6 = 4$.

This column gave a ten to the right, so it is now 7, not 8. $7 - 3 = 4$.

4 take away 2 leaves 2. Write it in the hundreds.

That is the whole sum: $480 - 236 = 244$.

2.

$$\begin{array}{r} 7 \text{ } 12 \\ \cancel{8} \text{ } \cancel{2} \text{ } 7 \\ - 5 \text{ } 6 \text{ } 6 \\ \hline 2 \text{ } 6 \text{ } 1 \end{array}$$

827 – 566, written in columns. Start at the RIGHT, with the ones.

7 take away 6 leaves 1. Write it in the ones.

2 is too small to take 6 from, so a ten comes across from the left: the tens now holds 12. $12 - 6 = 6$.

This column gave a ten to the right, so it is now 7, not 8. $7 - 5 = 2$.

That is the whole sum: $827 - 566 = 261$.

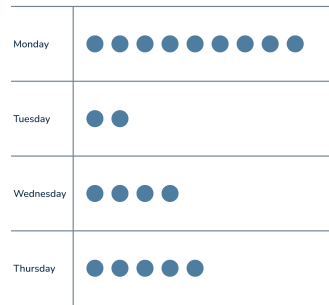
Solutions (3 of 5)

Picture Graphs and Bar Graphs

Picture graphs

1.

Shells found on the beach



Each ● stands for 1.

Which has the fewest?

Monday: 9 drawn → 9 shells
Tuesday: 2 drawn → 2 shells
Wednesday: 4 drawn → 4 shells
Thursday: 5 drawn → 5 shells

Tuesday

Check the key first, every time. Here one picture is one shell, so counting is enough — but that is a fact to check, not to assume.

So the counts read straight off: Monday 9, Tuesday 2, Wednesday 4, Thursday 5.

Now the question, on the NUMBERS rather than the marks: Tuesday (2). So the answer is Tuesday.

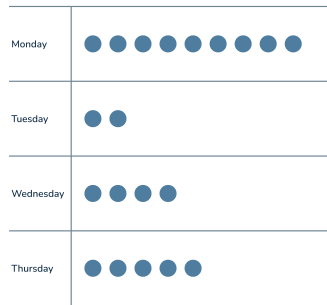
Solutions (4 of 5)

Picture Graphs and Bar Graphs (continued)

Picture graphs (continued)

2.

Shells found on the beach



Each ● stands for 1.

How many altogether?

Monday: 9 drawn → 9 shells
Tuesday: 2 drawn → 2 shells
Wednesday: 4 drawn → 4 shells
Thursday: 5 drawn → 5 shells

20 shells

Check the key first, every time. Here one picture is one shell, so counting is enough — but that is a fact to check, not to assume.

So the counts read straight off: Monday 9, Tuesday 2, Wednesday 4, Thursday 5.

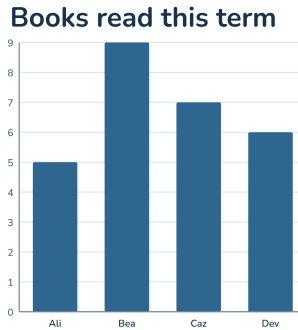
Now the question, on the NUMBERS rather than the marks: $9 + 2 + 4 + 5 = 20$. So the answer is 20 shells.

Solutions (5 of 5)

Picture Graphs and Bar Graphs (continued)

Bar graphs

4.



Which has the most?

Ali: 5 up → 5 books
Bea: 9 up → 9 books
Caz: 7 up → 7 books
Dev: 6 up → 6 books

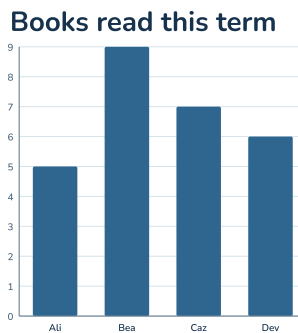
Bea

Check the key first, every time. Here one square is one book, so counting is enough — but that is a fact to check, not to assume.

So the counts read straight off: Ali 5, Bea 9, Caz 7, Dev 6.

Now the question, on the NUMBERS rather than the marks: Bea (9). So the answer is Bea.

5.



Which has the fewest?

Ali: 5 up → 5 books
Bea: 9 up → 9 books
Caz: 7 up → 7 books
Dev: 6 up → 6 books

Ali

Check the key first, every time. Here one square is one book, so counting is enough — but that is a fact to check, not to assume.

So the counts read straight off: Ali 5, Bea 9, Caz 7, Dev 6.

Now the question, on the NUMBERS rather than the marks: Ali (5). So the answer is Ali.