



CLASS 2 MATHS · 2026-27

Class 2 Maths Worksheet: Addition and Subtraction by Splitting

Two-digit addition and subtraction by splitting tens and units

76

QUESTIONS

30

MINUTES

7

EXERCISES

This belongs to _____

Date _____

WHAT YOU'LL GET GOOD AT

- Splits a two-digit number into tens and units to complete an addition.
- Splits a two-digit number into tens and units to complete a subtraction.
- Applies splitting to a short word problem and states the final answer.

Take your time, and have a go at every one. If you get stuck, look at the orange box — Ollie has already done one for you.

Class 2 Maths Worksheet: Addition and Subtraction by Splitting

Two-digit addition and subtraction by splitting tens and units · 76 questions · tick each box as you finish

Exercise 1 of 7 · 12 questions Complete the splitting steps for each sum, the way NCERT teaches it. ☐

FILL IN THE BLANK

HERE'S ONE DONE FOR YOU

$57 + 34 \rightarrow$ split 34 into 30 and 4. First, $57 + 30 = 87$. Then, $87 + 4 = 91$. So $57 + 34 = 91$.

1) $57 + 34 = 57 + 30 + \underline{\quad} = 87 + \underline{\quad} = \underline{\quad}$

2) $48 + 25 = 48 + 20 + \underline{\quad} = 68 + \underline{\quad} = \underline{\quad}$

3) $63 + 19 = 63 + 10 + \underline{\quad} = 73 + \underline{\quad} = \underline{\quad}$

4) $36 + 47 = 36 + 40 + \underline{\quad} = 76 + \underline{\quad} = \underline{\quad}$

5) $24 + 58 = 24 + 50 + \underline{\quad} = 74 + \underline{\quad} = \underline{\quad}$

6) $45 + 39 = 45 + 30 + \underline{\quad} = 75 + \underline{\quad} = \underline{\quad}$

7) $29 + 46 = 29 + 40 + \underline{\quad} = 69 + \underline{\quad} = \underline{\quad}$

8) $52 + 38 = 52 + 30 + \underline{\quad} = 82 + \underline{\quad} = \underline{\quad}$

9) $67 + 24 = 67 + 20 + \underline{\quad} = 87 + \underline{\quad} = \underline{\quad}$

10) $18 + 55 = 18 + 50 + \underline{\quad} = 68 + \underline{\quad} = \underline{\quad}$

11) $34 + 49 = 34 + 40 + \underline{\quad} = 74 + \underline{\quad} = \underline{\quad}$

12) $26 + 67 = 26 + 60 + \underline{\quad} = 86 + \underline{\quad} = \underline{\quad}$

Exercise 2 of 7 · 12 questions Complete the splitting steps for each subtraction. Split the number being taken away. ☐

FILL IN THE BLANK

HERE'S ONE DONE FOR YOU

$91 - 34 \rightarrow$ split 34 into 30 and 4. First, $91 - 30 = 61$. Then, $61 - 4 = 57$. So $91 - 34 = 57$.

1) $91 - 34 = 91 - 30 - \underline{\quad} = 61 - \underline{\quad} = \underline{\quad}$

2) $73 - 25 = 73 - 20 - \underline{\quad} = 53 - \underline{\quad} = \underline{\quad}$

3) $82 - 19 = 82 - 10 - \underline{\quad} = 72 - \underline{\quad} = \underline{\quad}$

4) $83 - 47 = 83 - 40 - \underline{\quad} = 43 - \underline{\quad} = \underline{\quad}$

5) $90 - 58 = 90 - 50 - \underline{\quad} = 40 - \underline{\quad} = \underline{\quad}$

6) $84 - 39 = 84 - 30 - \underline{\quad} = 54 - \underline{\quad} = \underline{\quad}$

7) $76 - 28 = 76 - 20 - \underline{\quad} = 56 - \underline{\quad} = \underline{\quad}$

8) $95 - 46 = 95 - 40 - \underline{\quad} = 55 - \underline{\quad} = \underline{\quad}$

9) $68 - 29 = 68 - 20 - \underline{\quad} = 48 - \underline{\quad} = \underline{\quad}$

10) $100 - 45 = 100 - 40 - \underline{\quad} = 60 - \underline{\quad} = \underline{\quad}$

11) $77 - 38 = 77 - 30 - \underline{\quad} = 47 - \underline{\quad} = \underline{\quad}$

12) $88 - 59 = 88 - 50 - \underline{\quad} = 38 - \underline{\quad} = \underline{\quad}$

Exercise 3 of 7 · 12 questions Solve using the splitting method. Show your working before writing the final answer. ☐

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

Meera has 46 marbles. Her friend gives her 27 more. Split 27 into 20 and 7. First, $46 + 20 = 66$. Then, $66 + 7 = 73$. So Meera has 73 marbles.

1) Meera has 46 marbles. Her friend gives her 27 more. How many marbles does she have now?

2) There are 68 mangoes in a basket. Rohan sells 39 of them. How many mangoes are left?

3) A shop has 54 pencils. 28 more pencils arrive. How many pencils are there now?

4) Priya had 92 stickers. She gave away 45. How many stickers are left?

5) A class has 37 boys and 29 girls. How many children are there in all?

6) There were 80 apples. 34 were eaten. How many apples remain?

7) Rohan's tiffin box has 24 idlis and his sister packs 38 more for the family. How many idlis are there in all?

8) The bus fare chart shows 45 tickets sold in the morning and 27 more sold in the afternoon. How many tickets were sold in all?

9) During Diwali, Ritu's family bought ₹90 worth of sweets. They have already given away ₹36 worth as gifts. How much worth of sweets is left?

10) There were 56 marbles in a bag. Sameer added 35 more marbles he won at a fair. How many marbles are in the bag now?

11) A school bus had 62 students on board. At the next stop, 29 students got down. How many students are left on the bus?

12) For a festival, 48 boxes of sweets were prepared. 46 more boxes were made the next day. How many boxes are there in total?

Exercise 4 of 7 · 10 questions Each splitting sum below has a mistake in the working. Find ☐ the wrong step and write the correct final answer.

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

Rahul worked out $68 + 25$ as: $68 + 20 = 78$, $78 + 5 = 83$. That first step is wrong - $68 + 20 = 88$, not 78. Corrected: $68 + 20 = 88$, then $88 + 5 = 93$. So $68 + 25 = 93$.

1) Meena worked out $53 + 28$ as: $53 + 30 = 83$, $83 + 8 = 91$. She split 28 into the wrong tens and units. What is the correct final answer?

2) Yusuf worked out $76 - 34$ as: $76 - 30 = 46$, $46 - 4 = 40$. He made an arithmetic slip in the last step. What is the correct final answer?

3) Priya worked out $48 + 35$ as: $48 + 30 = 88$, $88 + 5 = 93$. She made a mistake adding the tens. What is the correct final answer?

4) Tarun worked out $90 - 46$ as: $90 - 40 = 50$, $50 - 6 = 45$. He made an arithmetic slip in the last step. What is the correct final answer?

5) Ira worked out $37 + 29$ as: $37 + 20 = 67$, $67 + 9 = 76$. She made a mistake in the first step. What is the correct final answer?

6) Dev worked out $85 - 27$ as: $85 - 20 = 75$, $75 - 7 = 68$. He made a mistake in the first step. What is the correct final answer?

7) Simran worked out $46 + 38$ as: $46 + 30 = 86$, $86 + 8 = 94$. She made a mistake in the first step. What is the correct final answer?

8) Aman worked out $72 - 45$ as: $72 - 40 = 42$, $42 - 5 = 37$. He made a mistake in the first step. What is the correct final answer?

9) Noor worked out $63 + 19$ as: $63 + 10 = 73$, $73 + 9 = 92$. She made a mistake in the last step. What is the correct final answer?

10) Farhan worked out $81 - 26$ as: $81 - 20 = 61$, $61 - 6 = 65$. He made a mistake in the last step. What is the correct final answer?

Exercise 5 of 7 · 10 questions Solve each money problem using the splitting method. Show ☐ your working.

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

A tiffin costs ₹56 and a water bottle costs ₹28. Split 28 into 20 and 8. First, $56 + 20 = 76$. Then, $76 + 8 = 84$. So both together cost ₹84.

1) A tiffin costs ₹38 and a fruit box costs ₹27. How much do both cost together?

2) The daily bus fare is ₹24. For a return trip it is ₹24 more. What is the total fare for the day?

3) Priya had ₹95. She spent ₹38 on notebooks. How much money does she have left?

4) A box of festival sweets costs ₹46. A bigger box costs ₹35 more than that. What does the bigger box cost?

5) Karan's monthly bus pass costs ₹72. His sister's pass costs ₹29 less. What does his sister's pass cost?

6) A shop sold ₹58 worth of sweets in the morning and ₹36 worth in the evening. How much was sold in all?

7) Ayesha had ₹84 saved for a school trip. The tiffin and bus fare together cost ₹47. How much money will she have left?

8) A return bus ticket costs ₹19 more than a one-way ticket. If the one-way ticket costs ₹34, what does the return ticket cost?

9) Nisha spent ₹27 on a tiffin box and ₹49 on a water bottle. How much did she spend in all?

10) A family had ₹90 set aside for festival sweets. They spent ₹56. How much is left?

Exercise 6 of 7 · 10 questions Answer each question and explain how you know.

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

Which is bigger: $56 + 30$, or $56 + 3$? Answer: $56 + 30$, because adding 3 tens increases the number by 30, while adding 3 units increases it by only 3.

1) Without adding fully, which is bigger: $45 + 30$, or $45 + 3$? How do you know?

2) Which is bigger: $67 - 20$, or $67 - 2$? How do you know?

3) In the sum $58 + 34$, why do we split 34 into 30 and 4 instead of some other way, like 20 and 14?

4) If $63 + 25 = 88$, what is $63 + 26$ without working it out fully? How do you know?

5) If $90 - 34 = 56$, what is $90 - 35$ without working it out fully? How do you know?

6) Which will give the bigger answer: $48 + 40$, or $48 + 4$? How do you know?

7) Meena says you can split either number in an addition sum, not just the second one. Is she right? Give an example to show why.

8) In $82 - 45$, why must the number 45 be split, and not 82?

9) If $76 + 19$ gives an answer close to 100, roughly what should the final answer be? How do you know?

10) Why does splitting never need carrying, but the column method sometimes does?

Exercise 7 of 7 · 10 questions Challenge: these problems need two splitting steps, or a missing number. Show all your working.

WRITE THE ANSWER

HERE'S ONE DONE FOR YOU

Aditi had 38 pencils. She bought 27 more, then gave away 14. First, $38 + 27$: split 27 into 20 and 7 - $38 + 20 = 58$, $58 + 7 = 65$. Then $65 - 14$: split 14 into 10 and 4 - $65 - 10 = 55$, $55 - 4 = 51$. So Aditi has 51 pencils now.

1) Rohit had 48 marbles. He won 25 more, then gave away 19. How many marbles does he have now?

2) A shop had 90 toffees. It sold 34 in the morning and 27 more in the afternoon. How many toffees are left?

3) Sana had 36 stickers. Her friend gave her 28 more, and then she gave 15 to her cousin. How many does she have now?

4) A basket had 27 mangoes. 38 more were added, then 19 were sold. How many mangoes remain?

5) Fill in the missing number: $46 + \underline{\quad} = 82$. Use splitting to check your answer.

6) Fill in the missing number: $91 - \underline{\quad} = 38$. Use splitting to check your answer.

7) Fill in the missing number: $\underline{\quad} + 27 = 65$. Use splitting to check your answer.

8) Two classes have 34 and 48 students. If 19 students from the two classes go on a trip, how many students are left in total?

9) A vendor had 58 balloons. He sold 26, then bought 34 more. How many balloons does he have now?

10) Neha scored 45 in one test and some more marks in another test, reaching a total of 83. How many marks did she score in the second test?

**All done? How did that feel?**

Colour in a star. Three stars means you could teach it to someone else.



Tricky · Getting there · Easy now



Answer key

For grown-ups

Class 2 Maths Worksheet: Addition and Subtraction by Splitting · keep this page back until your child has finished.

1. Complete the splitting steps for each sum, the way NCERT teaches it.

- 1) 4, 4, 91
- 2) 5, 5, 73
- 3) 9, 9, 82
- 4) 7, 7, 83
- 5) 8, 8, 82
- 6) 9, 9, 84
- 7) 6, 6, 75
- 8) 8, 8, 90
- 9) 4, 4, 91
- 10) 5, 5, 73
- 11) 9, 9, 83
- 12) 7, 7, 93

2. Complete the splitting steps for each subtraction. Split the number being taken away.

- 1) 4, 4, 57
- 2) 5, 5, 48
- 3) 9, 9, 63
- 4) 7, 7, 36
- 5) 8, 8, 32
- 6) 9, 9, 45
- 7) 8, 8, 48
- 8) 6, 6, 49
- 9) 9, 9, 39
- 10) 5, 5, 55
- 11) 8, 8, 39
- 12) 9, 9, 29

3. Solve using the splitting method. Show your working before writing the final answer.

- 1) 73 ($46 + 20 = 66$, $66 + 7 = 73$)
- 2) 29 ($68 - 30 = 38$, $38 - 9 = 29$)
- 3) 82 ($54 + 20 = 74$, $74 + 8 = 82$)
- 4) 47 ($92 - 40 = 52$, $52 - 5 = 47$)
- 5) 66 ($37 + 20 = 57$, $57 + 9 = 66$)
- 6) 46 ($80 - 30 = 50$, $50 - 4 = 46$)
- 7) 62 ($24 + 30 = 54$, $54 + 8 = 62$)
- 8) 72 ($45 + 20 = 65$, $65 + 7 = 72$)
- 9) ₹54 ($90 - 30 = 60$, $60 - 6 = 54$)
- 10) 91 ($56 + 30 = 86$, $86 + 5 = 91$)
- 11) 33 ($62 - 20 = 42$, $42 - 9 = 33$)
- 12) 94 ($48 + 40 = 88$, $88 + 6 = 94$)

4. Each splitting sum below has a mistake in the working. Find the wrong step and write the correct final answer.

- 1) 81 ($53 + 20 = 73$, $73 + 8 = 81$)
- 2) 42 ($76 - 30 = 46$, $46 - 4 = 42$)
- 3) 83 ($48 + 30 = 78$, $78 + 5 = 83$)
- 4) 44 ($90 - 40 = 50$, $50 - 6 = 44$)
- 5) 66 ($37 + 20 = 57$, $57 + 9 = 66$)
- 6) 58 ($85 - 20 = 65$, $65 - 7 = 58$)
- 7) 84 ($46 + 30 = 76$, $76 + 8 = 84$)
- 8) 27 ($72 - 40 = 32$, $32 - 5 = 27$)
- 9) 82 ($63 + 10 = 73$, $73 + 9 = 82$)
- 10) 55 ($81 - 20 = 61$, $61 - 6 = 55$)

5. Solve each money problem using the splitting method. Show your working.

- 1) ₹65 ($38 + 20 = 58$, $58 + 7 = 65$)
- 2) ₹48 ($24 + 20 = 44$, $44 + 4 = 48$)
- 3) ₹57 ($95 - 30 = 65$, $65 - 8 = 57$)
- 4) ₹81 ($46 + 30 = 76$, $76 + 5 = 81$)
- 5) ₹43 ($72 - 20 = 52$, $52 - 9 = 43$)
- 6) ₹94 ($58 + 30 = 88$, $88 + 6 = 94$)
- 7) ₹37 ($84 - 40 = 44$, $44 - 7 = 37$)
- 8) ₹53 ($34 + 10 = 44$, $44 + 9 = 53$)
- 9) ₹76 ($27 + 40 = 67$, $67 + 9 = 76$)
- 10) ₹34 ($90 - 50 = 40$, $40 - 6 = 34$)

6. Answer each question and explain how you know.

- 1) $45 + 30$, because you are adding 3 tens (30) instead of 3 units (3), so the total increases by much more.
- 2) $67 - 2$, because you are taking away only 2 units instead of 2 tens (20), so more of the original number stays.
- 3) Because 34 is made of 3 tens and 4 units, so splitting it that way matches its actual place value and keeps the steps simple.
- 4) 89, because 26 is just 1 more than 25, so the total is 1 more than 88.
- 5) 55, because 35 is just 1 more than 34, so 1 more is being taken away, making the answer 1 less.
- 6) $48 + 40$, because adding 4 tens increases the number far more than adding 4 units.
- 7) Yes - for example, $34 + 57$ can also be split as $30 + 4 + 57$, first $57 + 30 = 87$, then $87 + 4 = 91$, the same answer either way.
- 8) Because 45 is the number being taken away - splitting it lets you subtract the tens first, then the units, from 82.
- 9) About 95, because 76 is close to 80 and 19 is close to 20, and $80 + 20 = 100$, so the true answer should be just under 100.
- 10) Because splitting adds or subtracts the tens and units as separate, complete steps along a number line, instead of stacking digits in columns where a group of ten has to be carried across.

7. Challenge: these problems need two splitting steps, or a missing number. Show all your working.

- 1) 54 ($48 + 25$: $48 + 20 = 68$, $68 + 5 = 73$. Then $73 - 19$: $73 - 10 = 63$, $63 - 9 = 54$.)
- 2) 29 ($90 - 34$: $90 - 30 = 60$, $60 - 4 = 56$. Then $56 - 27$: $56 - 20 = 36$, $36 - 7 = 29$.)
- 3) 49 ($36 + 28$: $36 + 20 = 56$, $56 + 8 = 64$. Then $64 - 15$: $64 - 10 = 54$, $54 - 5 = 49$.)
- 4) 46 ($27 + 38$: $27 + 30 = 57$, $57 + 8 = 65$. Then $65 - 19$: $65 - 10 = 55$, $55 - 9 = 46$.)
- 5) 36 (check: $46 + 30 = 76$, $76 + 6 = 82$)
- 6) 53 (check: $91 - 50 = 41$, $41 - 3 = 38$)
- 7) 38 (check: $38 + 20 = 58$, $58 + 7 = 65$)
- 8) 63 ($34 + 48$: $34 + 40 = 74$, $74 + 8 = 82$. Then $82 - 19$: $82 - 10 = 72$, $72 - 9 = 63$.)
- 9) 66 ($58 - 26$: $58 - 20 = 38$, $38 - 6 = 32$. Then $32 + 34$: $32 + 30 = 62$, $62 + 4 = 66$.)
- 10) 38 (check: $45 + 30 = 75$, $75 + 8 = 83$)

WHILE YOUR CHILD WORKS

- If your own school years taught the column-and-carry method, resist correcting your child back to it - this splitting approach is the current NCERT method, not a shortcut.
- Bundles of ten straws or ten-rupee coins make the splitting steps concrete if your child is guessing rather than working through them.
- A wrong final answer with correct splitting steps still shows understanding - check the steps, not only the last number.

**Spotted a gap while marking?**

A free assessment is one live class with a matched teacher - no card, nothing to cancel. Afterwards you get an honest note on what they noticed.

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