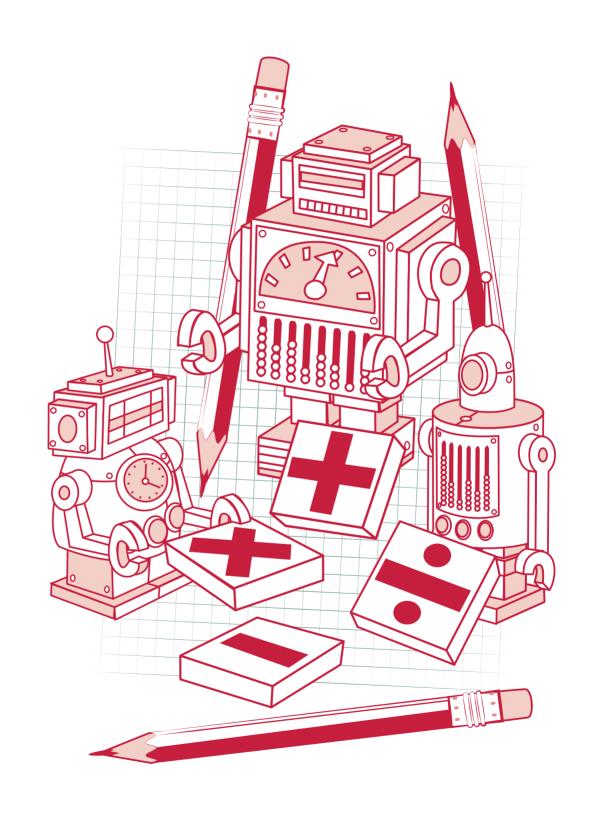
Vritten Calculation btraction Answers

Schofield&Sims



Step I: Two-digit subtraction no exchange

When learning written subtraction, it is important to know how to set numbers out vertically with the correct digits in the correct columns. Here, 87 and 36 are correctly written under the Tens and Units headings.

What to do

87 – 36 = ?

I Set out the numbers in the correct columns with one digit in each square.

2 Always start at the right-hand side, with the units column! Subtract the bottom digit from the top digit. 7 - 6 = 1

- 8 7 3 6
- 3 Next move to the left and look at the digits in the tens column. Subtract the bottom digit from the top digit. 8 3 = 5
- 4 Finally, look at the answer and check whether it seems a sensible answer. You can add the answer to the number subtracted to see if it gives you the top number. 51 + 36 = 87 Yes, this is correct.

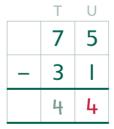
	8	7
_	3	6
	5	1

Now you try

$$\blacksquare$$
 96 – 44 = ?

	Т	U
	9	6
_	4	4
	5	2

$$275 - 31 = ?$$



$$68 - 42 = ?$$

	Т	U
	6	8
_	4	2
	2	6

	Т	U
	5	8
_	2	7
	3	1

$$5 87 - 24 = ?$$

	Т	U
	8	7
_	2	4
	6	3

	Т	U
	7	q
_	4	6
	3	3

Set out these questions yourself to answer them.

78 - 24 = ?

	Т	U
	7	8
_	2	4
	5	4

95 - 33 = ?

	Т	U
	9	5
_	3	3
	6	2

	Т	U
	8	8
_	4	6
	4	2

10 Check your answers above by adding.

$$54 + 24 = 78$$

$$62 + 33 = 95$$

Problem solving

A shop had a shelf with 89 tins on it. If 43 of the tins are bought, how many tins remain on the shelf?

46

Mrs Smith only has 78p in her purse. She takes out 45p to pay in a car park. How much money is left in the purse?

33Þ

13 The height of Jo's dog is 93cm. The height of Jo's cat is 23cm. How much taller is Jo's dog than Jo's cat?

70cm

David weighed 86kg before going on a diet. After his diet he weighs 72kg. How many kilograms did he lose?

14Kg

How did I find Step !?







Step 2: Three-digit subtraction no exchange

For three-digit numbers, work in the same way. Make sure the numbers are set out in the correct columns in the same way. Here, 576 and 143 are correctly written under the Hundreds, Tens and Units headings.

What to do

- I Set out the numbers in the correct columns with one digit in each square.
- 2 Always start at the right-hand side, with the units column! Subtract the bottom digit from the top digit. 6 - 3 = 3
- 3 Next, move to the left and look at the digits in the tens column. Subtract the bottom digit from the top digit. 7 4 = 3
- **4** Then move to the left again and subtract the bottom digit from the top digit in the hundreds column. 5 1 = 4
- **5** Finally, look at the answer and check whether it seems a sensible answer. 433 + 143 is 576, which is correct!

576 -	143 =	?
370		

	Н	Т	U
	5	7	6
_	I	4	3

	5	7	6
_	I	4	3
			3

	5	7	6
_	I	4	3
		3	3

	5	7	6
_	I	4	3
	4	3	3

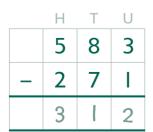
Now you try

	Н	Т	U
	4	8	9
_	I	4	4
	3	4	5

	Н	Т	U
	5	7	5
_	2	I	4
	3	6	I

	Н	Т	U
	8	5	9
_	4	3	5
	4	2	4

$$583 - 271 = ?$$



	Н	Т	U
	8	3	7
_	2	2	4
	6	1	3

	Н	Т	U
	7	9	4
_	4	6	4

Set out these questions yourself to answer them.

7 475 – 123 = ?

	Н	Т	U
	4	7	5
_	1	2	3
	3	5	2

8 888 - 447 = ?

	Н	Т	U
	8	8	8
_	4	4	7
	4	4	I

9 739 – 127 = ?

	Н	Т	U
	7	3	9
_	1	2	7
	6	1	2

10 967 - 264 = ?

	Н	Т	U
	9	6	7
_	2	6	4
	7	0	3

$$111469 - 327 = ?$$

	Н	Т	U
	4	6	9
_	3	2	7
	1	4	2

	Н	Т	U
	5	7	3
_	4	0	2
	1	7	1

Problem solving

A farmer had 678 sheep. She sells 315 of them at market. How many sheep has she now?

363

Kim had £468 in a bank account.
She took out £225. How much money stayed in the bank account?

£243

Two numbers have a difference of 733. If the larger number is 969, what is the smaller number?

236

136 of them left early. How many people were there at the end?

551

How did I find Step 2?





Step 3: Three-digit subtraction exchanging I ten for 10 units

These questions have one digit in the bottom number that is larger than the digit above it. Н Т U
5 7 3
- I 4 8

See here that the 8 is larger than the 3 above it!

What to do

- I You can't take 8 away from 3 so you must exchange ten from the column to its left. Cross out the 7 tens and write one fewer above it. One fewer than 7 is 6.
- 2 Now, take the ten you have exchanged and write it in the units column, so instead of 3 units you now have 10 + 3 = 13. Now you can take away 8 from 13 and get the answer 5.
- **3** Then complete the rest of the subtraction as normal, working from right to left.

57	3 –	148	= ?
	Н	Т	U
		6	
	5	X	3
_	I	4	8

		6	
	5	X	13
_	ı	4	8
			5

		6	
	5	X	¹3
_	ı	4	8
	4	2	5

Now you try

•			
	4	X	13
_	I	3	8
	3	3	5

	4			
3		8	5	12
	_	4	I	5
		4	3	7

	7			
4		7	8	¹ 4
	_	2	5	7
		5	2	7

			4	
5		6	5	13
	_	2	I	9
		4	3	4

			7	
6		4	8	12
	_		6	7
		3	1	5

			6	
7		8	X	6
	_	5	5	7
		3	1	9

			2	
8		9	3	۱4
	_	6	I	q
		3	1	5

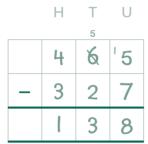
			7	
q		8	8	¹ I
	_	7	2	7
		1	5	4

10 4
$$\frac{6}{7}$$
 5
- 1 4 7
3 2 8

Set out these questions yourself to answer them.







	Н	Т	U
		6	
	5	X	13
_	4	0	6
	1	6	7

Problem solving

I9 Subtract 327 from 574.

	5	X	14
_	3	2	7
	2	4	7

247

Joe had £465 in a bank account. He took out £228. How much money was left in the bank account?

£237

How did I find Step 3?





Difficult

Step 4: Three-digit subtraction exchanging I hundred for 10 tens

As for Step 3, these questions have one digit in the bottom number that is larger than the digit above it, but this time it is the tens digit.

5 3 6 - I 8 5

See here that the 8 is larger than the 3 above it!

What to do

- I Start with the units. Subtract 5 from 6 leaving 1.
- 2 Then move left to the tens. Because you can't take 8 away from 3, you must exchange one hundred from the column to its left. Cross out the 5 hundreds and write one fewer above it. One fewer than 5 is 4.
- 3 Next take the hundred you have exchanged and write it in the tens column, so instead of 3 tens you now have 10 tens + 3 tens = 13 tens. Now you can take away 8 from 13 to get 5.
- 4 Finally, look at the hundreds column. Subtract I hundred from the 4 hundreds that are left to give 3 hundreds.

536 –	185	=	?

	Н	Т	U
	5	3	6
_	I	8	5
			I

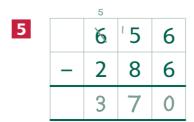
5 13 6 - 1 8 5 5 1

	4		
	5	١3	6
_	I	8	5
	3	5	I

Now you try

		7		
3		8	13	q
	_	4	9	5
		3	4	4

		6		
4		X	5	4
	_	2	8	2
		4	7	2



		3		
6		4	6	8
	_	I	7	7
		2	9	1

Set out these questions yourself to answer them.





$$14 \ 415 - 321 = ?$$



	Н	Т	U
	4		
	5	14	3
_	4	5	2
		9	1

Problem solving

Use subtraction to find the difference between 547 and 175.

372

17 A safari park has 636 animals. If 184 of them are monkeys, how many of the animals are not monkeys?

452

How did I find Step 4?





Difficult

Step 5: Three-digit subtraction exchanging once

On these pages, you must decide when to exchange. Sometimes you will need to exchange a ten and sometimes you will need to exchange a hundred. Look for when a digit in the bottom number is larger than the digit above it.

What to do

- I Start with the units. Is the bottom digit larger than the top digit? Is 5 larger than 3? Yes. So you must exchange a ten.
- 2 If the lower digit is larger you must exchange one from the column to its left. Here, exchange I ten. Cross out the 7 tens and write one fewer above it. One fewer than 7 is 6.
- 3 Next, take the ten you have exchanged and write it in the units column, so instead of 3 units you now have 10 + 3 = 13 units.
- 4 Now you can take away 5 from 13 to get 8.
- **5** Continue with the subtraction in the same way, working from right to left.

773 –	255	=	?

	Н		U
		6	
	7	X	¹ 3
_	2	5	5

	6			
	7	X	¹3	
_	2	5	5	
			8	

		6	
	7	X	١3
_	2	5	5
	5	I	8

Now you try

1

	7		
	8	1 I	5
_	I	4	2
	6	7	3

2

		3	
	6	½	13
_	2	2	6
	4	1	7

3

	7		
	8	13	6
_	2	6	5
	5	7	1

4

	6		
	X	15	5
_	2	9	2
	4	6	3

5

		5	
	6	6	6
_	2	5	8
	4	0	8

6

		3	
	4	4	8
_	I	2	q
	3	1	9

 8 9 1 - 2 8 6 6 0 5 9 8 4 5 - 7 8 3 - 6 2

Set out these questions yourself to answer them.

10 592 - 245 = ?

111746 - 284 = ?



12 736 – 685 = ?

925 - 317 = ?



14 885 - 306 = ?

I5 537 – 252 = ?

	Н		U
	4		
	5	13	7
_	2	5	2
	2	8	5

Problem solving

A plane has 697 passengers. If 348 of them are male, how many are female?

6	5 1	8 9 '	7
- 3	3	4	8
3	}	4	9

17 A skyscraper is 243m tall. It stands next to a cathedral that is 171m tall. How much taller is the skyscraper than the cathedral?

How did I find Step 5?





Difficult

Check-up test | Two- and three-digit subtraction, including one exchange

Step I

	7	q
_	4	6
	3	3

	5	7
_	2	3
	3	4

$$89 - 24 = ?$$

	8	9
_	2	4
	6	5

Step 2

$$593 - 251 = ?$$

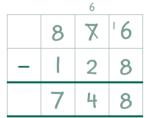
	5	q	3
_	2	5	
	3	4	2

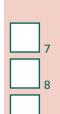
	7	3	7
_	2	3	4
	5	0	3

	7	9	4
_	4	6	4
	3	3	0

Step 3

		2	
	q	3	۱4
_	5	I	8
	4	1	6



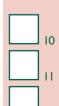


Step 4

	5		
	6	۱4	9
_	4	6	8
	l	8	l

$$12 6|4 - 52| = ?$$

	6	1	4
_	5	2	1
		9	3



Step 5

13 692 – 245 = ? **14** 726 – 683 = ? **15** 706 – 385 = ?

		8	
	6	9	12
_	2	4	5
	4	4	7

	6		
	X	12	6
_	6	8	3
		4	3

	6		
	X	10	6
_	3	8	5
	3	2	1

Steps I to 5 mixed

Use the grid below for working.

16 Find the difference between 356 and 588.

232

17 A farmer had 693 cows. He sells 374 of them. How many cows has he now?

319

18 Subtract 281 from 457.

176

Find the difference between 953 and 272.

681

										8			
16)		5	8	8			17)		6	9	13		
	-	3	5	6				_	3	7	4		
		2	3	2					3	l	9		
		3							8				
18)		4	5	7			19)		9	5	3		
	-	2	8	1				_	2	7	2		
		1	7	6					6	8	1		

Total test score

Score	I	2	3	4	5	6	7	8	9	10	П	12	13	14	15	16	17	18	19
%	5	П	16	21	26	32	37	42	47	53	58	63	68	74	79	84	89	95	100

	19	

Step 6: Four-digit subtraction exchanging I thousand for 10 hundreds

As for previous steps, these questions have one digit in the bottom number that is larger than the digit above it, but this time it is the hundreds digit.

See here that the 8 is larger than the I above it. _____

	Th	Н	Т	U
	6	I	8	7
_	I	8	2	3

What to do

- I Start with the units. 7 3 = 4
- 2 Move left to the tens. 8 2 = 6
- 3 Then move to the hundreds. Because you can't take 8 away from I, you must exchange I thousand from the column to its left. Cross out the 6 thousands and write one fewer above it. One fewer than 6 is 5.
- 4 Next, take the thousand you have exchanged and write it in the hundreds column, so instead of I hundred uou now have 10 hundreds + 1 hundred = 11 hundreds.
- 5 Now, you can take away 8 from 11 to get 3.
- **6** Finally, look at the thousands column. Subtract I thousand from the 5 thousands that are left to give 4 thousands.

61	187	_	1823	3 =	?

	Th	Н	Т	U
	6	I	8	7
_	I	8	2	3
			6	4

	5			
	6	1	8	7
-	I	8	2	3
			6	4

	5			
	8	¹ I	8	7
_	1	8	2	3
		3	6	4

	5			
	6	¹ I	8	7
_	I	8	2	3
	4	3	6	4

Now you try

	/			
	8	13	6	8
_	4	9	4	2
	3	4	2	6

3

	5			
	6	۱4	8	4
_	5	9	8	3
		5	0	I

2

	3			
	14	⁻ 5	9	7
_	I	8	I	2
	2	7	8	5

		6			
4		X	12	5	4
	_	3	3	2	4
		3	9	3	0

Set out these questions yourself to answer them.

5 7598 – 2644 = ?

	Th	Н	Т	U
	<u>б</u>	15	9	8
_	2	6	4	4
	4	9	5	4

6 8036 – 4514 = ?

	Th	Н	Т	U
	7			
	8	10	3	6
_	4	5	1	4
	3	5	2	2

7 6483 – 5873 = ?

	Th	Н	Т	U
	5			
	6	14	8	3
_	5	8	7	3
		6	l	0

8 9585 – 6664 = ?

Problem solving

Kim had £6747 in a bank account.
She took out £1835 to buy a car.
How much money is left in the account?

A car park has 6479 parking spaces.
If 5644 are empty, how many are filled?

How did I find Step 6?





Step 7: Four-digit subtraction exchanging a ten and a thousand

For the questions in this step, you will need to exchange twice. In both the units and hundreds columns, the digit in the bottom number is larger than the digit above it. Here, 9 is larger than the 4 above it and 5 is larger than the 1 above it.

	Th	Н	Т	U
	6	I	8	4
_	I	5	3	q
				_

6184 - 1539 = ?

Т

8 4

3 9

4 5

4

Th H

6 I

1 5

What to do

- I Start with the units. 9 is larger than 4 so exchange from the tens. Cross out the 8 and write one fewer above it. One fewer than 8 is 7. Next, take the ten you exchanged and write it in the units column, so instead of 4 you now have 10 + 4 = 14 units. Then subtract. 14 9 = 5
- 5 7 6 1 8 4 - 1 5 3 9

- 2 Move left to the tens. 7 3 = 4
- 3 Then move to the hundreds. Because you can't take 5 away from I, exchange I thousand. Cross out the 6 thousands and write one fewer above it. One fewer than 6 is 5. Take the thousand and write it in the hundreds column, so instead of I hundred you now have 10 hundreds + I hundred = 11 hundreds. 11 5 = 6
- 4 Finally, look at the thousands column. Subtract I thousand from the 5 thousands that are left to give 4 thousands.

	5		7	
	6	¹ I	8	14
-	I	5	3	q
	4	6	4	5

Now you try

		7		5	
I		8	13	6	10
	_	4	9	4	5
		3	4	l	5

		3		3	
2		14	5	4	17
	_	I	8	I	8
		2	7	2	9

		8		7	
3		q	۱4	8	۱4
	_	5	9	7	7
		3	5	0	7

		6		4	
4		X	12	2	12
	_	6	3	2	q
			9	2	3

5 7 5 8 0 - 6 9 3 8 6 4 2 6 6 3 ½ 2 - 2 6 0 4 3 7 0 8

Set out these questions yourself to answer them.

7 8272 – 4756 = ?

	Th	Н	Т	U
	7		6	
	8	12	X	12
_	4	7	5	6
	3	5	l	6

9190 - 7614 = ?

	Th	Н	Т	\bigcup
	8		8	
	9	1	9	0
_	7	6	1	4
	l	5	7	6

Problem solving

Paul's income last year was £8265.
This year it was £9171. How much more did he earn this year?

A traffic survey counted 4729 vehicles driving west and 6295 driving east along a road. How many more were driving east than west?

Sales of the music track 'School Rocks' fell from 8173 last week to 4238 this week. How many fewer is that?

How did I find Step 7?





Step 8: Three-digit subtraction exchanging twice, adjacent digits

Sometimes, when you need to exchange twice, the two columns are next to each other. Here, the digit in the bottom number is larger than the digit above it in both the units and the tens columns.

	Н	Т	U
	5	3	4
_		7	8
			

What to do

- I You can't take 8 away from 4 so you must exchange ten from the column to its left. Cross out the 3 tens and write one fewer above it. One fewer than 3 is 2. Take the ten exchanged and write it in the units column, so instead of 4 units you now have 10 + 4 = 14. Now subtract. 14 8 = 6
- 2 Now, move to the tens column. 7 is larger than the 2 above it so you need to exchange a hundred from the column to the left. Cross out the 5 hundreds and write one fewer above it. One fewer than 5 is 4. Think of the hundred exchanged as 10 tens and add it to the number of tens. 10 tens + 2 tens = 12 tens. 12 7 = 5
- **3** Then complete the rest of the subtraction as normal, working from right to left. 4 1 = 3

334 - 176 - 1						
	Н	Т	U			
		2				
	5	3	14			
_	I	7	8			
			_			

EDI.

170 - 2

	4	12	
	5	3	14
_	I	7	8
		5	6

	4	12	
	2	3	14
_	I	7	8
	3	5	6

Now you try

		6	14	
2		X	5	¹ 3
	_	2	7	6
		4	7	7

	7	14	
	8	5	12
_	4	q	5
	3	5	7

		7	П	
4		8	2	¹ 5
	_	3	7	7
		4	4	8

		5	14	
5		6	5	0
	_	2	5	7
		3	9	3

		3	17	
6		4	8	6
	_	I	q	8
		2	8	8

Set out these questions yourself to answer them.

$$111714 - 447 = ?$$



	Н	Т	\cup
	6	12	
	X	3	10
_	1	8	7
	5	4	3

Problem solving

How many more is 674 than 287?

	5 6	76 X	14
_	2	8	7
	3	8	7

387

At a concert there were 734 people. If 359 were children, how many were adults?

375

There are two parcels. One weighs 872g. The other is 475g lighter. How heavy is the lighter parcel?

3979

Two numbers have a difference of 585. If the larger number is 912, what is the smaller number?

How	did	I find	Step	8?
-----	-----	--------	------	----





Step 9: Four-digit subtraction exchanging twice, adjacent digits

For questions involving four-digit numbers, work from right to left in the same way. Here, you'll need to exchange a ten and a hundred or a hundred and a thousand. Just look carefully to see when a digit is larger than the one above it.

	Th	Н	Т	U
	7	I	2	4
_		5	7	3
			_	

What to do

- I Start with the units. 4 3 = 1
- 2 Move to the tens. 7 is larger than 2 so exchange from the hundreds. Cross out the I and write one fewer above it.

 One fewer than I is 0. Take the hundred exchanged and write it in the tens column, so instead of 2 tens, you now have 10 tens + 2 tens = 12 tens. Then subtract. 12 7 = 5
- 3 Then move to the hundreds. You can't take 5 away from 0 so exchange I thousand. Cross out the 7 thousands and write one fewer above it. One fewer than 7 is 6. Take the thousand and write it in the hundreds column, so instead of 0 hundreds you now have I0 hundreds + 0 hundreds = 10 hundreds. I0 5 = 5
- 4 Finally, look at the thousands column. There is nothing to subtract from the 6 thousands, so write 6 in the answer.

	Th	H 0	Т	U
	7	X	12	4
-		5	7	3
			5	Т

7124 - 573 = ?

	6	10		
	X	X	12	4
_		5	7	3
		5	5	1

	6	10		
	X	X	12	4
_		5	7	3
	6	5	5	I

Now you try

I

		5	15	
	5	6	6	10
_		4	8	5
	5	1	7	5

2

	3	14		
	<i>I</i> *	5	14	6
_	I	8	7	3
	2	6	7	3

3

	8	13		
	q	½	18	8
_		q	q	7
	8	4	9	Т

L

			3	14	
٠		7	74	5	12
	_		3	q	7
		7	0	5	5

Set out these questions yourself to answer them.

	Th	Н	Т	U
		3	14	
	8	4	5	12
_	4	3	5	6
	4	0	9	6

	Ιh	Н		U
	8	14		
	9	5	10	6
_	7	6	3	4
	1	8	7	2

Problem solving

A palindromic number is one that reads the same forwards and backwards.

Choose two digits with a difference of 2, for example 9 and 7. Use them to create two four-digit palindromic numbers, for example 9779 and 7997.

Use the written method to find the difference between the two numbers. Here are some examples to try. Use the grid below for working.

What do you notice about the answers?

The answers are always 1782.

		8	16							7	l5					
7)		9	X	'7	9			8)		8	6	16	8			
	_	7	9	9	7				_	6	8	8	6			
		1	7	8	2					l	7	8	2			
		6	14							5	13					
9)		X	5	15	7			10)		6	4	14	6			
	_	5	7	7	5				_	4	6	6	4			
		1	7	8	2					1	7	8	2			

How did I find Step 9?

Step 10: Four-digit subtraction with a zero in the column to be exchanged from

When there is a zero in a column that you need to exchange from, you must move further left to the next column to exchange. Notice here that that are no tens in the top number and yet you need to exchange ten.

	Th	Н	Т	U
	6	8	0	2
_	I	3	4	5

What to do

- I Start with the units. 5 is larger than 2 so you need to exchange from the tens. There aren't any tens! So move left and exchange from the hundreds column first. Cross out the 8 and write one fewer above it. One fewer than 8 is 7. Take the hundred exchanged and write it in the tens column, so instead of 0 tens, you now have 10 tens.
- 2 Now go back to the units. 5 is larger than 2 so you need to exchange from the tens. Cross out the 10 and write one fewer. One fewer than 10 is 9. Write the ten exchanged as 10 units in the units column. Then subtract. 12 5 = 7
- 3 Then work through the rest of the subtraction, moving from right to left. For the tens, 9 4 = 5. For the hundreds, 7 3 = 4. For the thousands, 6 1 = 5.

6802 – 1345 = ?										
	Th H T									
	7									
	6	8	10	2						
_	I	3	4	5						

	_			
_	I	3	4	5
				7
		7	q	
	6	8	Q	12
-	I	3	4	5
	5	4	5	7

Now you try

		5	9	
	5	6	Q *	13
_	I	4	8	7
	4	1		6

2

		4	9	
	4	5	Q *	6
_	I	2	7	8
	3	2	2	8

3

	q	8	Ď	۱4
_	2	3	q	7
	7	4	0	7

L

			3	9	
4		7	4	Ø,	¹ I
	_	5	3	6	8
		2	0	3	3

For these questions, the zero is in the hundreds column.

5 Q 5 Q - 3 2 7 3 1 7 8 6

8 6 0 2 8 - 4 7 5 8 1 2 7 0

Problem solving

At a football match there were 7304 people. If 2178 were children, how many were adults?

A plane flew 7055km on Monday and 2684km on Tuesday. How much further did it fly on Monday than on Tuesday?

A large rabbit weighs 3036g. A smaller rabbit weighs 1864g less. How much does the smaller rabbit weigh?

How much larger than 2548 is the number 8804?

Check-up test 2 Three- and four-digit subtraction, with up to two exchanges and a zero

Step 6

7256 - 4324 = ?

	6			
	X	12	5	6
_	4	3	2	4
	2	9	3	2

2 6496 – 5843 = ?

	5			
	6	14	9	6
_	5	8	4	3
		6	5	3

Step 7

3 8173 – 4757 = ?

	7		6	
	8	¹ I	X	13
_	4	7	5	7

9390 - 3642 = ?

	8		8	
	9	13	9	10
_	3	6	4	2
	5	7	4	8

3

Step 8

5 475 – 287 = ?

	3	16	
	<i>L</i> _k	X	¹ 5
_	2	8	7
	l	8	8

6 715 – 457 = ?

	6	10	
	X	X	5
_	4	5	7
	2	5	8

5

Step 9

7 4439 – 2797 = ?

	3	13		
	4	4	13	9
_	2	7	9	7
	1	6	4	2

8 7452 – 367 = ?

		3	14	
	7	4	5	12
_		3	6	7
	7	0	8	5

7

Step 10

7602 – 1367 = ?

		5	9	
	7	6	O	12
_	I	3	6	7
	6	2	3	5

10	9037	['] – 7882	= ?
		, 002	

	8	9		
	9	* Q	13	7
_	7	8	8	2
	1	l	5	5

9

Steps 6 to 10 mixed

Use the grid below for working.

How much smaller is 4747 than 5476?

729

A TV that cost £753 was reduced by £276 in a sale. What is the sale price?

£477

| 12

13 Subtract 6635 from 9407.

2772

13

A plane travelled 8047km on Sunday and 2793km on Monday. How much further did it travel on Sunday?

5254Km

		4		6						6	14			
11)		5	'4	X	16			12)		X	5	13		
	-	4	7	4	7				_	2	7	6		
			7	2	9					4	7	7		
		8	13							7	9			
13)		9	4	10	7			14)		8	70	' 4	7	
	-	6	6	3	5				_	2	7	9	3	
		2	7	7	2					5	2	5	4	

Total test score

Score	I	2	3	4	5	6	7	8	q	10	П	12	13	14
%	7	14	21	29	36	43	50	57	64	71	79	86	93	100



Step I I: Five-digit subtraction exchanging twice, non-adjacent digits

Work in the same way for five-digit numbers, from right to left, exchanging if you need to.

What to do

- I Start with the units. 4 1 = 3
- 2 Move left to the tens. Because you can't take 7 away from I, you must exchange a hundred from the column to its left. Cross out the 8 hundreds and write one fewer above it. One fewer than 8 is 7. Think of a hundred as 10 tens and add it to the I ten already there to get II tens. II 7 = 4
- 3 Then move to the hundreds. 7 3 = 4
- 4 Move to the thousands. Because you can't take 9 away from 2, you must exchange a ten thousand from the column to its left. Cross out the 5 ten thousands and write one fewer above it. One fewer than 5 is 4. You now have 12 thousands, 12 9 = 3
- **5** Finally, look at the ten thousands column. 4 3 = 1

52814 - 39371	= ?
32011 31371	

	TTh	Th	H 7	Т	U
	5	2	8	11	4
_	3	q	3	7	ı
				4	3

			7		
	5	2	8	11	4
_	3	9	3	7	I
			4	4	3

	4		7		
	5	12	8	¹ [4
_	3	q	3	7	I
		3	4	4	3

	4		7		
	5	12	8	¹ I	4
_	3	3 9 3		7	1
	Т	3	4	4	3

Now you try

	4			6	
	5	12	8	X	14
_	2	4	3	2	7
	2	8	5	4	7

2

	7		4		
	8	۱4	5	15	q
_	7	8	3	8	4
		6	1	7	5

3

	q	8	2	3	13
_		4	7	I	8
	9	3	5	1	5

Ţ.

	3		5		
	<i>L</i> _k	15	6	13	7
_	I	7	3	4	6
	2	8	2	9	l

More practice Set out these questions yourself to answer them.

5 85 264 – 64 958 = ?

	TTh	Th	Н	Т	U
		4		5	
	8	5	12	6	14
_	6	4	9	5	8
	2	0	3	0	6

6 8363I – 5327 = ?

	TTh	Th	Н	Т	U
	7			2	
	8	13	6	3	1
_		5	3	2	7
	7	8	3	0	4

Problem solving

Choose two digits with a difference of 3, for example 9 and 6. Use them to create two five-digit palindromic numbers, with alternating digits, for example 96969 and 69696.

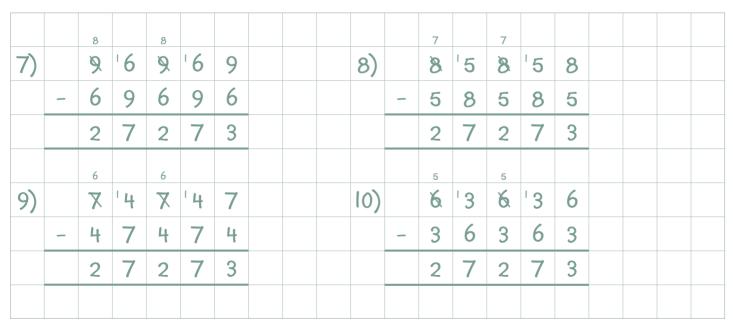
Find the differences between these numbers. Use the grid below for working.

- 96 96 9 69 696 = ? 27 273
- **8** 85858 58585 = ?
- 27 273

- 74747 47474 = ? 27273
- 10 63636 36363 = ? 27273

What do you notice about the answers?

They are always 27273.



Choose two digits with a difference of 4 and explore patterns in the same way. What do you notice? Use spare paper.

The answers are always 36364.

How did I find Step 11?

Easy

	0	k
--	---	---

Step 12: Five-digit subtraction exchanging twice,

adjacent digits

In Step 9, you subtracted four-digit numbers where you needed to exchange from two columns next to each other. Can you do the same with five-digit numbers?

	TTh	Th	Н	Т	U
	4	7	6	3	7
_	I	2	9	4	6

What to do

- I Start with the units. 7 6 = 1
- 2 Move to the tens. 4 is larger than 3 so exchange from the hundreds. Cross out the 6 and write one fewer above it. One fewer than 6 is 5. Take the hundred exchanged and write it in the tens column, so instead of 3 tens you now have 10 tens + 3 tens = 13 tens. Then subtract, 13 4 = 9
- 3 Then move to the hundreds. You can't take 9 away from 5 so exchange 1 thousand. Cross out the 7 thousands and write one fewer above it. One fewer than 7 is 6. Take the thousand and write it in the hundreds column, so instead of 5 hundreds you now have 10 hundreds + 5 hundreds = 15 hundreds. 15 9 = 6
- 4 Finally, look at the thousands and then the ten thousands column and subtract. 6 2 = 4 and 4 1 = 3

	TTh	Th	H 5	Т	U
	4	7	6	13	7
_	ı	2	q	4	6
				q	

47637 - 12946 = ?

		6	15		
	4	X	8	13	7
_	I	2	q	4	6
			6	q	1

		6	15		
	4	X	8	١3	7
_	ı	2	q	4	6
	3	4	6	q	1

Now you try

			5	12	
	8	8	б	3	10
_	4	3	3	4	6
	4	5	2	8	4

2

		/	15		
	4	8	6	1	9
_	3	2	q	4	4
	1	5	6	7	5

3

	ğ	5	۱4	6	q
_	5	7	8	3	3
	3	7	6	3	6

П.

			3	13		
4		6	<i>Y</i> _k	4	13	7
	_		2	7	6	2
		6	1	6	7	5

Set out these questions yourself to answer them.

		6	П		
	5	X	2	12	6
_	3	5	8	7	6
	2	1	3	5	0

	TTh	Th	Н	Т	U
			8	14	
	7	5	9	5	'7
_	4	5	7	6	8
	3	0	1	8	9

Problem solving

An athletics stadium has 76245 seats. At an athletics meeting in the stadium, 55475 people attended. How many empty seats were there?

10 68753 people visited the Multiplex cinema in October. 7384 fewer than this visited in November. How many visited in November?

6 8
$$\overline{X}$$
 $\overline{5}$ $\overline{3}$

- 7 3 8 4

6 1 3 6 9

61369

Step 13: Five-digit subtraction with a zero in the column to be exchanged from

In Step 10, you were shown what to do with a zero in a column you needed to exchange from. These five-digit numbers have a zero in them.

What to do

- I Start with the units. 5 is larger than 2 so exchange from the tens. There aren't any tens! So move left and exchange from the hundreds. Cross out the 7 and write one fewer above it. One fewer than 7 is 6. Think of the hundred exchanged as 10 tens.
- 2 Now, go back to the units. 5 is larger than 2 so you need to exchange from the tens. Cross out the 10 and write one fewer above it. One fewer than 10 is 9. Write the ten as 10 units in the units column. Then subtract the units and the tens. 12 - 5 = 7 and 9 - 4 = 5
- Then work through the rest of the subtraction, moving from right to left. Watch out for any other exchanging needed. Here, as you can't take 9 hundreds from the 6 hundreds, exchange from the thousands. For the hundreds, 16 - 9 = 7. For the thousands, 2-2=0. For the ten thousands, 8-1=7.

83702	- 12945 =	= ?
03702	12 113	

	TTh	Th	Н	Т	U
			6		
	8	3	X	10	2
_	I	2	q	4	5

			6	9	
	8	3	X	Q	12
_	I	2	q	4	5
				5	7

		2	16	9	
	8	3	X	10	12
_	I	2	q	4	5
	7	0	7	5	7

Now you try

			5	9	
	7	3	6	₽	12
_	5	2	3	4	q
	2	1	2	5	3

2

		4	9		
	8	5	₩	13	7
_	2	2	3	7	5
	6	2	6	6	2

3

	6	3	3	\Q	13
_	5	2	7	2	8
	1	0	5	7	5

		6		5	9	
4		X	2	6	Ø,	15
	_	3	6	3	7	q
		3	6	2	2	6

- 4 6 8 6 5 4 3 6 2 2
- 7 6 0 4 0 7 - 5 6 3 7 9 4 0 2 8

- 6 8 5 Q I 8 - 3 7 3 7 4 4 7 6 4 4
- 8 9 6 0 3 - 7 5 8 4 8 2 0 1 9

Problem solving

- A forestry service planted 50 364 trees last year but cut down 36 762 trees. How many more trees were planted than were cut down?
- On a hillside in a nature reserve 37674 butterflies were counted in June. In July, 41056 were counted. How many more were counted in July than in June?
- Find the difference between 40694 and 27751.
- Gita, a bank clerk, earns £33773 per year. Her boss earns £84059. How much more does her boss earn than Gita?

5 \ \(\frac{9}{3} \) 6 \ 4 \\ \(- \) 3 \ 6 \ 7 \ 6 \ 2 \\ \(1 \) 3 \ 6 \ 0 \ 2 \\

13 602

3 10 9 15 6 - 3 7 6 7 4 3 3 8 2

3382

- 2 7 7 5 1 1 2 9 4 3

12943

8 N Q 5
- 3 3 7 7
5 0 2 8

£50286

- How did I find Step 13?
- Easy
- ОК
- Difficult

Step 14: Five-digit subtraction exchanging three or four times

Now that you are confident in exchanging twice, you can easily exchange three or more times!

What to do

- I Start with the units. 8 is larger than 2 so exchange from the tens. 12 8 = 4
- 2 Move to the tens. 6 is larger than 3 so exchange from the hundreds. 13 6 = 7
- **3** Then move to the hundreds. 7 is larger than 5 so exchange from the thousands. 15 7 = 8
- 4 Move to the thousands. 9 is larger than 1 so exchange from the ten thousands. 11 9 = 2
- **5** Finally, look at the ten thousands and subtract. 6 3 = 3

	TTh	Th	Н	Т	U
			5	13	
	7	2	6	1 _k	12
_	3	q	7	6	8
				7	4

		- 1	15	13	
	7	2	6	Ľ _k	12
_	3	q	7	6	8
			8	7	4

	6	11	15	13	
	X	2	6	Ľ _k	12
_	3	q	7	6	8
		2	8	7	4

	6	-11	15	13	
	X	2	6	4	12
_	3	q	7	6	8
	3	2	8	7	4

Now you try

7 9 6 3 0 - 4 8 7 4 8 3 0 8 8 2

		6	10		5	
2		X	X	5	6	14
	_		6	q	4	7
		6	4	6	Ī	7

3 7 5 8 3

		7	15	15	15	
4		8	6	6	6	7
	_	4	8	7	6	9
		3	7	8	9	8

	4		3	14	
	5	¹ 5	<i>P</i> *	5	13
_	2	8	0	q	5
	2	7	3	5	8

6

	/	- 11	14		
	8	2	5	13	7
_	4	2	8	6	3
	3	9	6	7	4

More practice

Set out these questions yourself to answer them.

	TTh	Th	Н	Т	U
		6	Ш	14	
	5	X	2	5	1
_	3	5	8	7	6
	2	1	3	7	5

	TTh	Th	Н	Т	U
	7	Ш	14	10	
	8	2	5	X	14
_		5	7	6	8
	7	6	7	4	6



$$51506 - 26764 = ?$$

	TTh	Th	Н	Т	\cup
	4	10	14		
	5	X	5	0	6
_	2	6	7	6	4
	2	4	7	4	2

Problem solving

A music arena has 55 377 seats.
At the concert on Saturday there were 8489 empty seats. How many seats were not empty?

		14 5	-		7	
_		8	4	8	9	
	4	6	8	8	8	

46888

12 Find the difference between each pair of numbers. Use spare paper for working.

a 55 555 and 7777

47778

b 44444 and 6666

37778

33333 and 5555

27778

d 22 222 and 4444

17778

How did I find Step 14?

Easy

OK

Difficult

Step 15: Five-digit subtraction with zeros in the columns to be exchanged from

In Step 13, you saw what to do with a zero in a column you had to exchange from. These numbers have several zeros.

What to do

- I Start with the units. 8 is larger than 2 so exchange from the tens. There aren't any tens! So move left and exchange from the hundreds. There aren't any hundreds! So move left and exchange from the thousands. Cross out the 7 and write 6 above. Think of the thousand exchanged as 10 hundreds.
- 2 Now, exchange from the hundreds as there are 10 now. Cross out the 10 hundreds and write one fewer. One fewer than 10 is 9. Think of the hundred exchanged as 10 tens.
- **3** Go back to the units. 8 is larger than 2 so exchange from the tens. Cross out the 10 tens and write one fewer. One fewer than 10 is 9. Write the ten as 10 units in the units column. Then subtract. 12 - 8 = 4
- 4 Work through the rest of the subtraction, moving from right to left. For the tens, 9 - 7 = 2. For the hundreds, 9 - 4 = 5. For the thousands, 6 - 2 = 4. For the ten thousands, 8 - 1 = 7.

87002 - 12478 = ?

	TTh	Th	Н	Т	U
		6			
	8	X	10	0	2
_	I	2	4	7	8

		6	q		
	8	X	Q	10	2
_	I	2	4	7	8

		6	q	q	
	8	X	Q	'Q	12
_	1	2	4	7	8
					4

		6	q	q	
	8	X	\Q	10	12
_	ı	2	4	7	8
	7	4	5	2	4

Now you try

		ŏ	Ч	9	
	8	q	10	√ Q	12
_	7	2	3	4	q
	l	6	6	5	3

2

		4	9	9		
		5	\Q	√Q	۱4	8
_	-	2	2	3	7	5
		2	7	6	7	3

3

		2	9	9	
	7	3	Ø,	Q	13
_	5	2	7	2	8
	2	0	2	7	5

		5	9	9	9	
4		6	Ø,	Ø,	Ø,	5
	_	3	6	3	7	q
		2	3	6	2	6

 6 8 5 0 0 8 - 5 8 3 7 3 2 6 6 3 5

Problem solving

In one year 70047 people visited a tourist attraction in London.
If 35486 of them were adults, how many were children?

 7
 9
 9
 14
 7

 - 3
 5
 4
 8
 6

 3
 4
 5
 6
 1
 34561

Efia won £62002 in the lottery.

She gave £47463 of it to charity.

How much did she keep for herself?

6 2 2 2 - 4 7 4 6 3 1 4 5 3 9 £14539

Find the difference between 40004 and 33333.

- 3 3 3 3 3 6 6 7 1

6671

A rescue centre helped a total of 32 008 dogs last year. They found 29 453 of them homes. How many didn't they find a home for?

3 '2 '0 8 - 2 9 4 5 3 2 5 5 5 2555

Jan earned £30006 last year. He paid £8536 in tax and spent the rest. How much did he spend?

£21470





Difficult

Check-up test 3 Five-digit subtraction, with several exchanges and zeros

Step 11

	5			2	
	6	۱4	7	3	2
_	5	5	3	I	7
		9	4	1	5

	5		5		
	6	10	6	13	8
_	1	7	5	8	7
	4	3	0	5	1

Step 12

		3	13		
	6	4	4	13	8
_	4		q	7	2
	2	2	4	6	6

			8	14	
	7	5	9	5	14
_	3	3	2	5	7
	4	2	6	9	7



Step 13

	q	5	10	13	q
_	2	I	3		5
	7	3	6	6	4

$$60403 - 28329 = ?$$

	5		3	9	
	6	0 '	4	10	13
_	2	8	3	2	9
	3	2	0	7	4



Step 14

	8	14	13	15	
	q	5	4	6	13
_	4	7	5	8	8
	4	7	8	7	5

$$85151 - 29075 = ?$$

	7		0	14	
	8	15	X	5	1
_	2	9	0	7	5
	5	6	0	7	6

7

Step 15

93006 - 51149 = ?

		2	9	9	
	q	3	Q '	Q '	6
_	5	I		4	q
	4	1	8	5	7

90007 - 36379 = ?

	8	9	9	9	
	9	\Q	\Q	\Q	'7
_	3	6	3	7	9
·	5	3	6	2	8

____q

Steps II to I5 mixed

Use the grids below for working.

A rugby stadium has 58382 seats. At the match on Saturday there were 18649 empty seats. How many seats were occupied?

39733

Find the difference between 52694 and 27751.

24 943

12

		4	17		7					4	П				
11)		5.	8	13	8	12		12)		5	2	16	9	4	
	-	1	8	6	4	9			_	2	7	7	5	1	
		3	9	7	3	3				2	4	9	4	3	

Simon, an IT manager, earns £33673 per year. His boss earns £84009. How much more than Simon does his boss earn?

£50336

_____ 13

14 Subtract 37073 from 73037.

35 964

1 14

			3	9						6	12	9			
13)		8	4	*Q	10	9		14)		X	3	*Q	13	7	
	-	3	3	6	7	3			_	3	7	0	7	3	
		5	0	3	3	6				3	5	9	6	4	

Total	l test	score
--------------	--------	-------

Score	I	2	3	4	5	6	7	8	q	10	П	12	13	14
%	7	14	21	29	36	43	50	57	64	71	79	86	93	100

14

Step 16: Large number subtraction

What to do

- I You've learnt how to do written subtraction for up to five-digit numbers. Subtracting even larger numbers is just as easy!
- **2** Just remember to exchange where needed.

	HTh	TTh	Th	Н	Т	U
	4	q		5	13	
	5	'Q	۱6	8	1 _k	¹ [
_	2	4	8	2	7	3
	2	5	8	3	6	8

Now you try

Seven hundred and nine thousand, three hundred and seventeen minus thirty-one thousand, four hundred and forty-six.

	6		8	12		
	X	0	q	3	¹ I	7
_		3	I	4	4	6
	6	7	7	8	7	1

Eight hundred thousand, five hundred and twelve minus two hundred and sixty thousand, two hundred and nineteen.

	7			4	10	
	8	0	0	5	1	12
_	2	6	0	2	I	q
	5	4	0	2	9	3

Six hundred and ninety thousand and thirty minus seventy-eight thousand, two hundred and forty-one.

		8	9	9	12	
	6	þ	Q '	Ø,	3	0
_		7	8	2	4	I
	6	l	1	7	8	9

Nine hundred and twenty thousand, three hundred and fifty subtract six hundred and eighty-two thousand and eighteen.

	8	11		4			
	ğ	2	0	3	5	0	
_	6	8	2	0		8	
	2	3	8	3	3	2	

Two hundred and sixty-one thousand nine hundred and three subtract ninety-four thousand, six hundred and seven.

	1	15		8	9	
	3	6	¹ I	q	Ø,	13
_		q	4	6	0	7
	1	6	7	2	9	6

Five hundred and twelve thousand and forty-two subtract two hundred and six thousand and sixty-five.

		0	- 11	9	13	
	5	X	3	\Q	<i>L</i> _k	12
_	2	0	6	0	6	5
	3	0	5	9	7	7

Set out these questions yourself to answer them.

7 Six hundred and twenty-six thousand, four hundred and three take away four hundred and eighty-six thousand, six hundred and nine.

	HTh	TTh	Th	Н	Т	U
	5	П	15	13	9	
	6	2	6	4	*Q	13
_	4	8	6	6	0	9
	1	3	9	7	9	4

Two hundred and fifty thousand and seventeen take away eighty-nine thousand, four hundred and eight.

	HTh	TTh	Th	Н	Т	\bigcup
	1	14	9		0	
	2	5	*Q	10	X	'7
_		8	9	4	0	8
	l	6	0	6	0	9

Problem solving

A group of people raised £385057 for two charities. They gave £184488 to one charity. How much did they give to the other?

3 8 5 \ \(\frac{9}{8} \) 5 \ \(\frac{1}{7} \)

- 1 8 4 4 8 8

2 0 0 5 6 9

£200569

There were 573684 people at an Olympic event. If 375427 of them were female, how many were male?

5 7 3 6 8 4 - 3 7 5 4 2 7 1 9 8 2 5 7

Find the difference between two palindromic six-digit numbers that can be made with the digits 3 and 7, for example 737737 subtract 377773. Try different ways, working on the grid or using spare paper.

Can you find a question with the answer 435644?

773 377 - 337 733

How did I find Step 16?





Difficult

Step 17: Decimal subtraction two decimal places

Now that you can subtract whole numbers, subtracting decimals is almost as easy! All you need to do is to set out the digits in the correct columns and subtract in the same way!

What to do

- I Start with the right-hand column. Because you can't take 7 away from 6, you must exchange from the column to its left. Cross out the 5 tenths and write one fewer above it. One fewer than 5 is 4. Think of the tenth as 10 hundredths and add it to the 6 hundredths. 16 − 7 = 9
- 2 Then move to the tenths. 4 4 = 0

3	Continua	working t	from ric	tht to	left to com	nlata th	e subtraction.
_	Continue	VVOI KII IQ		וונ נט	tert to corri	טובנב נווי	E SUDU UCUOII.

4	Remember to put the decimal point in your answer, in line with
	the decimal points above.

	34.	56 -	8.47	= ?
--	-----	------	------	-----

Н	Т	U,	, t	h
	3	4.	. 5	¹ 6
_		8.	. 4	7
				q

			4	
	3	4.	. 3	¹6
_		8.	. 4	7
			0	q

3 | 4 · 5 | 6 - 8 · 4 | 7 2 6 · 0 | 9

Now you try

519.74 - 43.27 = ?

	4		6			
5 1			9.	X	14	
_		4	3.	. 2	7	
	4	7	6.	4	7	

2 45.59 – 7.84 = ?

	3	14		
	4	5.	. 5	q
_		7.	. 8	4
	3	7.	. 7	5

3 352.74 – 127.83 = ?

		4	- 11		
	3	5	2.	.' 7	4
_	I	2	7.	. 8	3
	2	2	4.	. 9	1

50.43 – 13.79 = ?

	4	9	13	
	5	' Q .	. <i>Y</i> .	13
_	I	3 .	. 7	q
	3	6.	, 6	4

Set out these questions yourself to answer them.

5 852.64 – 649.58 = ?

	Н	Т	U,	. t	h
		4		5	
	8	5	12.	. 6	14
_	6	4	9.	. 5	8
	2	0	3 .	. 0	6

6 836.31 – 53.27 = ?

	Н	Т	U.	t	h
	7			2	
	8	13	6.	8	1
_		5	3.	2	7
	7	8	3 .	. 0	4

Problem solving

7 Jo runs 56.72km in January and 64.18km in February. How much further does she run in February?

7.46km

Jack wants to buy a laptop costing £746.45. He already has £673.83. How much more does he need to save?

£72.62

Charlie weighed 90.48kg before a diet. After a diet his weight had fallen to 74.73kg. How much weight had he lost?

15.75kg



Step 18: Decimal subtraction different numbers of decimal places

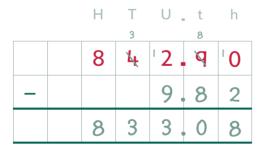
What to do

In this last step, the questions have different numbers of decimal places so you must be careful to write the digits in the correct columns. Sometimes it can help to write zeros into the empty spaces. Don't forget to put the decimal point in your answer each time!

Now you try

Set out these questions yourself to answer them.

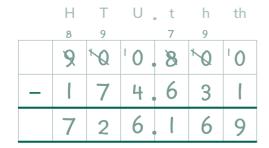
	Н	Т	U.	. t	h	th
	1			6	9	
	2	0 ا	5.	. X	O	0
_		5	2.	, 1	3	9
	1	5	3 .	5	6	l



	Н	Т	U	. t	h	th
		6	17	10		
		X	8	<i>X</i>	13	5
_		3	8	. 6	6	0
		3	9	. 4	7	5

More practice

Set out these questions yourself to answer them.



	Н	Т	U,	t	h
	7	9	10	12	
	8	10	γ.	3	0
_	5	6	2 .	4	9
	2	3	8.	8	l

Problem solving

Check your answers by adding.

7 Two large crates weigh 406.9kg and 384.73kg. How much heavier is one crate than the other?

22.17kg

A baby weighed 3.46kg at birth. At six months old he weighed 7.257kg. How much weight had he gained?

3.797kg

A river is 7.84m wide at its narrowest point and 204.9m wide at its widest point. How much wider is it at its widest point than at its narrowest point?

197.06m

What is 30.08ml less than 125ml?

94.92ml

Ali took £278 spending money on holiday. On the first week of his holiday he spent £183.67. How much did he have left for the second week?

£94.33

Usain Bolt ran 100m in 9.572 seconds. How much faster did he run than the 1891 world record holder who ran it in 10.8 seconds?

1.228 secs

How did I find Step 18?





Difficult

Final test Subtraction of whole numbers and decimals

Steps 16 to 18

Nine hundred and twenty thousand, three hundred and fifty take away six hundred and eighty-two thousand and eighteen.

	8	Ш			4	
	q	2	0	3	2	0
_	6	8	2	0	I	8
	2	3	8	3	3	2

2 Seven hundred and twenty thousand and seventeen take away four hundred and forty-six thousand, six hundred and two.

	6	11	9			
	X	2	Q	0	1	7
_	4	4	6	6	0	2
	2	7	3	4	1	5

3 567.27 – 164.58 = ?

			6	11	
	5	6	X.	2	¹ 7
_	I	6	4.	. 5	8
	4	0	2.	6	9

4 828.36 – 55.29 = ?

	7			2	
	8	12	8.	8	16
_		5	5.	. 2	9
	7	7	3 .	, 0	7

5 742.9 – 16.826 = ?



6 55.134 – 28.77 = ?

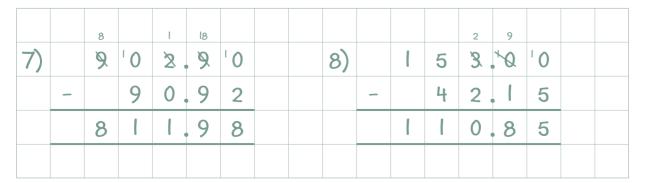


Use the grid below for working.

7 Subtract 90.92 from 902.9.

8 What is 42.15g less than 153g?

811.98 110.85g



Steps I to I8 mixed Use the grid below for working. Two numbers have a difference of 733. If the larger number is 961, what is the smaller number? Monika had £6747 in a bank account. She took out £1824 £4923 to buy a car. How much money is left in the account? Find the difference between 8338 and 3883. How much larger is 45006 than 38574? A puppy weighs 9036g. When it was born it weighed 5864g less. How much did it weigh when it was born? A forestry service planted 50687 trees last year but cut down 36779 trees. How many more trees were planted than were cut down? 9) 10) 11) 12) D*

()

D

Score	I	2	3	4	5	6	7	8	q	10	П	12	13	14
%	7	14	21	29	36	43	50	57	64	71	79	86	93	100

14)

13)

Q

Ø

14	