Diving into Mastery

Add Two 3-Digit Numbers – Not Crossing 10 or 100

Diving into Mastery Guidance for Educators

Each activity sheet is split into three sections, diving, deeper and deepest, which are represented by the following icons:

Diving

Deeper

Deepest

These carefully designed activities take your children through a learning journey, initially ensuring they are fluent with the key concept being taught; then applying this to a range of reasoning and problem-solving activities.

These sheets might not necessarily be used in a linear way. Some children might begin at the 'Deeper' section and in fact, others may 'dive straight in' to the 'Deepest' section if they have already mastered the skill and are applying this to show their depth of understanding.

Aim

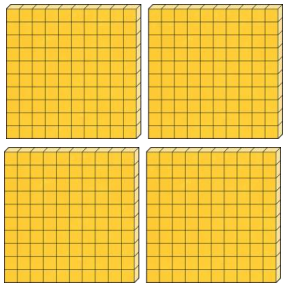
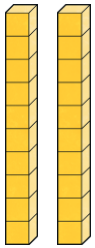
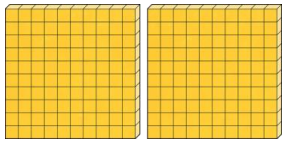
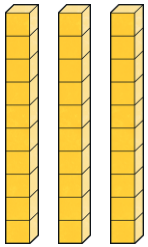
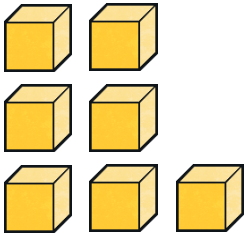
- Add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction.

Add Two 3-Digit Numbers

Diving

Complete the addition calculation that is shown here.

421 + 237 = 658

H	T	O
		
		

Add Two 3-Digit Numbers

Diving

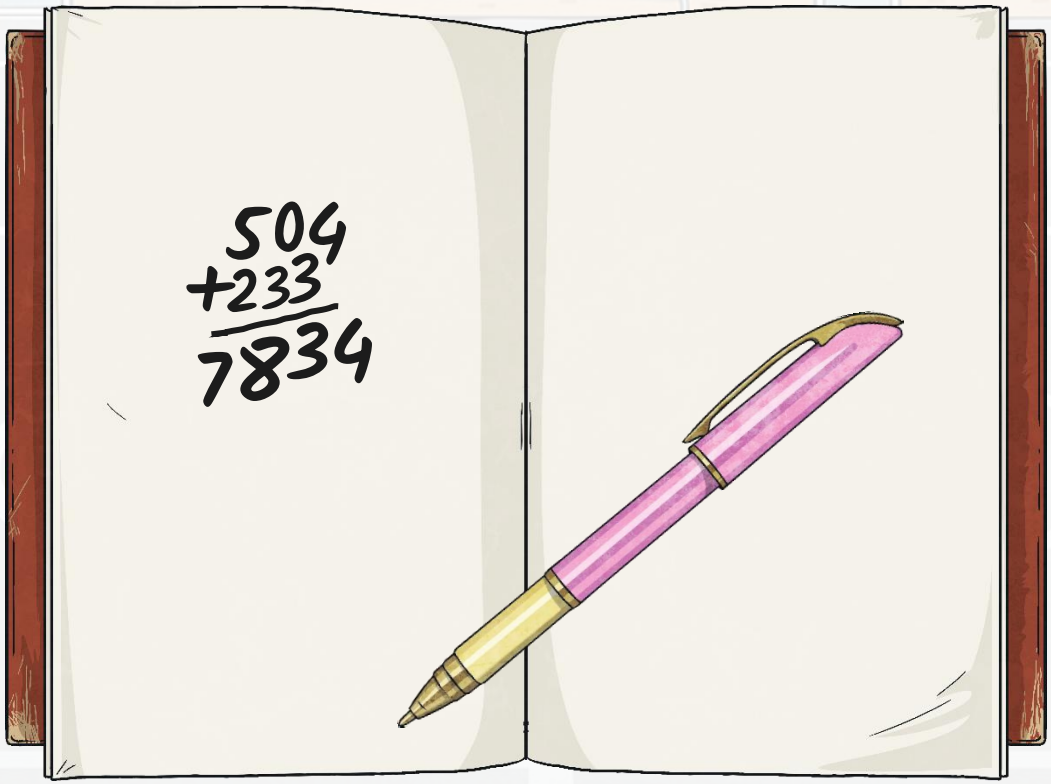
How would you fill this grid in to calculate 537 + 152?

	5	3	7
+	1	5	2
	6	8	9

Add Two 3-Digit Numbers

Deeper

Finn calculates 504 + 233:



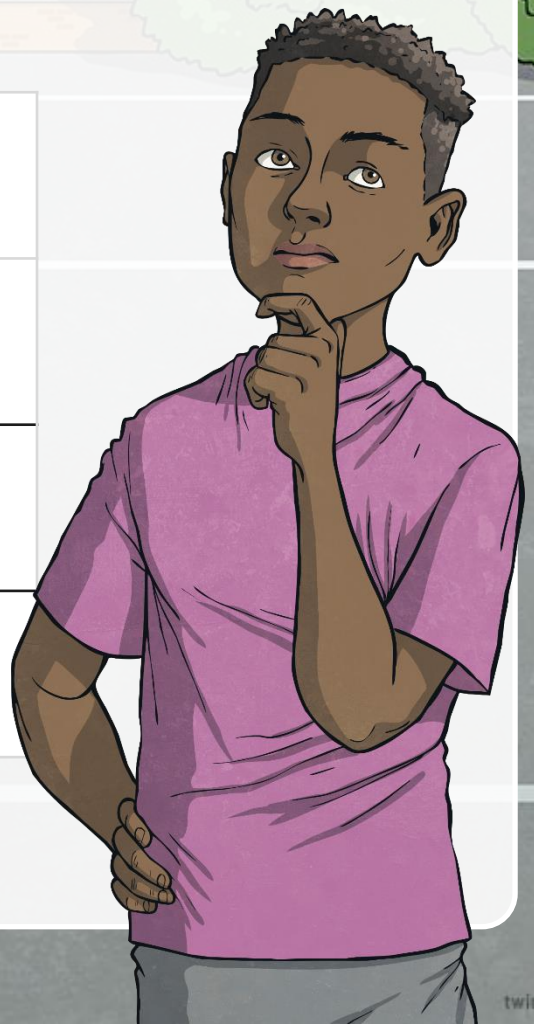
He is incorrect. Discuss with a partner what mistake you think he has made.

Add Two 3-Digit Numbers

Deeper

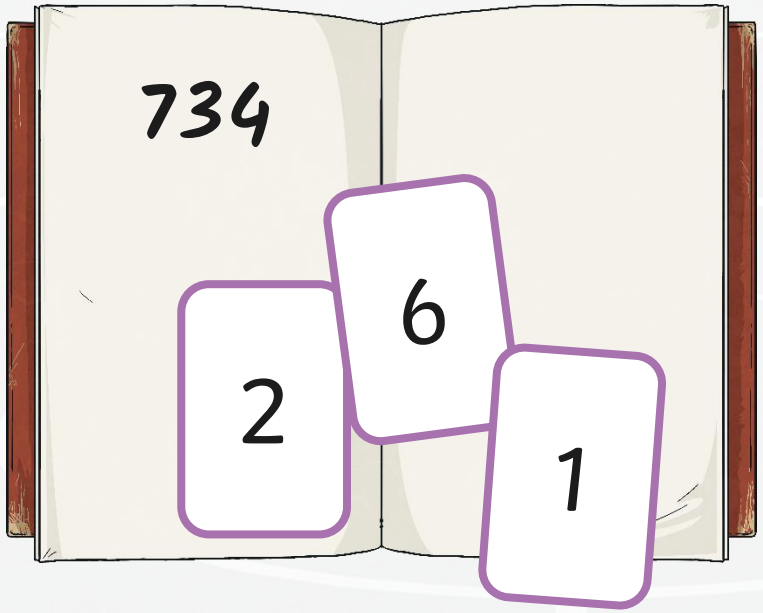
Fill in the missing digits in this column addition calculation.

	4	1	4
+	1	5	3
	5	6	7



Add Two 3-Digit Numbers | **Deepest**

Sasha writes down the number 734.
She has the digit cards 2, 6 and 1.



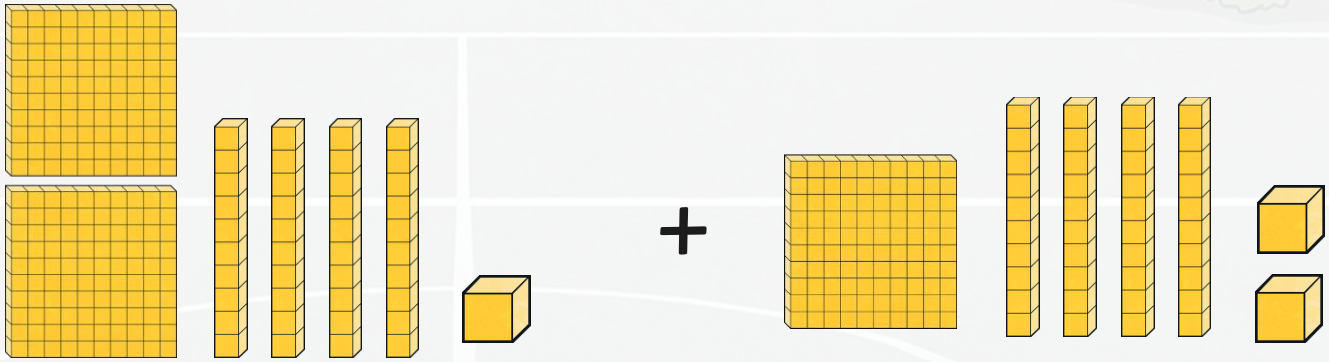
She uses her digit cards to make a 3-digit number. When she adds that number to 734, she gets 896.

What number did she make with her digit cards?

162

Add Two 3-Digit Numbers | **Deepest**

Chelsea used some base ten to make an addition calculation with a total of 383.

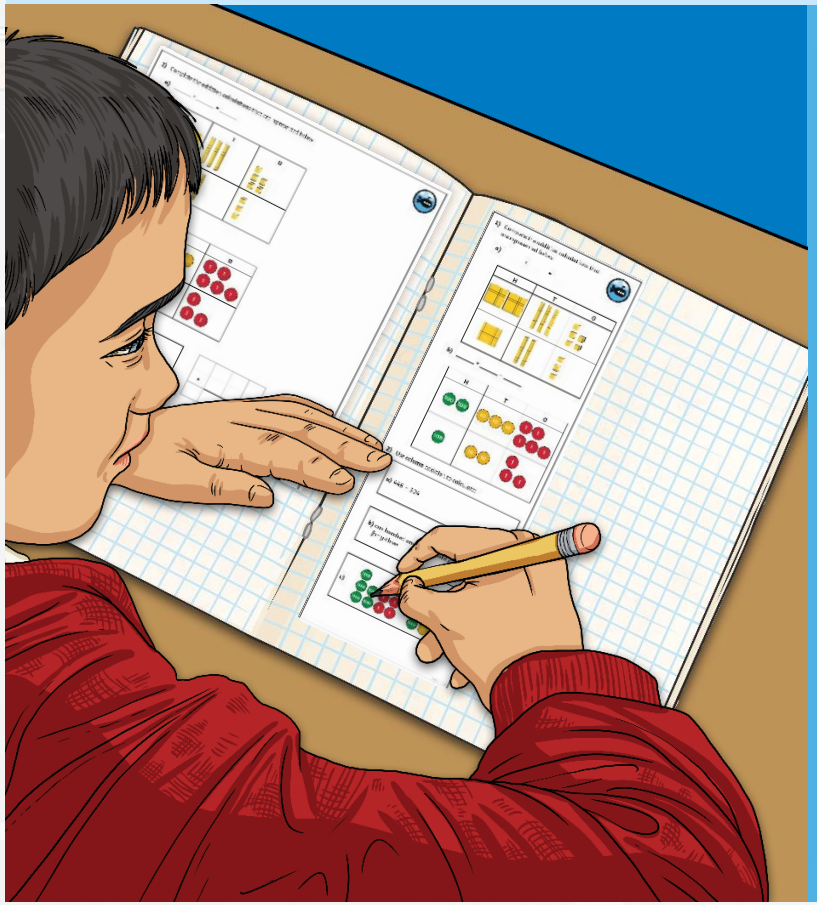


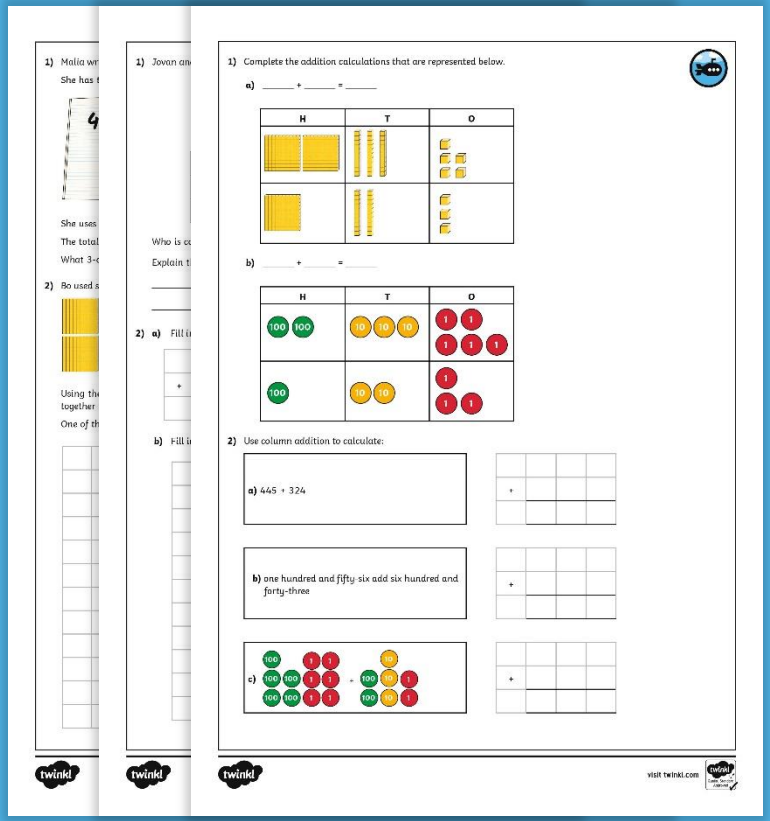
Using the same base ten pieces that Chelsea has, can you make two 3-digit numbers that have a total of 383?
One of the numbers must have 2 hundreds.

Is there more than one correct answer? Why do you think this is?

Add Two 3-Digit Numbers

Dive in by completing your own activity!





Need Planning to Complement this Resource?

National Curriculum Aim

Add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction.

For more planning resources to support this aim, click here.

Twinkl PlanIt is our award-winning scheme of work with over 4000 resources.

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