

Varied Fluency

Step 2: Add Two 4-Digit Numbers 1

Teaching note: In the Expected and Greater Depth levels, 3-digit numbers have been included to ensure that children have a secure understanding of place value and have the opportunity to address any misconceptions that may arise.

National Curriculum Objectives:

Mathematics Year 4: (4C2) [Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate](#)

Differentiation:

Developing Questions to support adding two 4-digit numbers with no exchange. Pictorial support for all questions, including place value grids.

Expected Questions to support adding two 4-digit numbers with no exchange. Calculations presented in a column format and some use of part whole models for support. Using place value counters to support calculations.

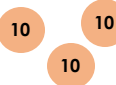
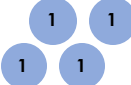
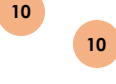
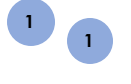
Greater Depth Questions to support adding two 4-digit numbers with no exchange. Calculations presented in a variety of formats including, column, linear, bar model and part whole model.

More [Year 4 Addition and Subtraction](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Add Two 4-Digit Numbers 1

1a. Use the place value chart to find the total.

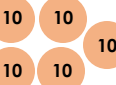
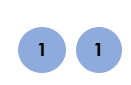
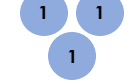
Th	H	T	O
			
			



VF

Add Two 4-Digit Numbers 1

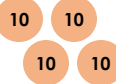
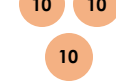
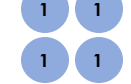
1b. Use the place value chart to find the total.

Th	H	T	O
			
			



VF

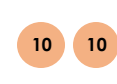
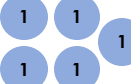
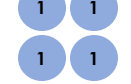
2a. Complete the calculation.

Th	H	T	O
			
			



VF

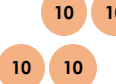
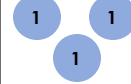
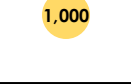
2b. Complete the calculation.

Th	H	T	O
			
			



VF

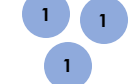
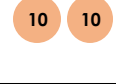
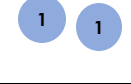
3a. What counters are missing from the calculation?

Th	H	T	O
			
			
8	6	7	4



VF

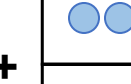
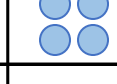
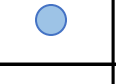
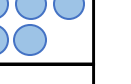
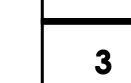
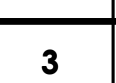
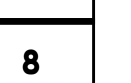
3b. What counters missing from the calculation?

Th	H	T	O
			
			
9	7	3	5



VF

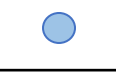
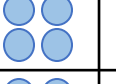
4a. True or false?

Th	H	T	O
			
			
3	6	3	8



VF

4b. True or false?

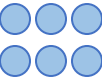
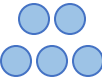
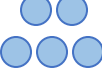
Th	H	T	O
			
			
7	2	8	4



VF

Add Two 4-Digit Numbers 1

5a. Use the place value chart to find the total.

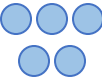
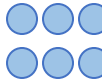
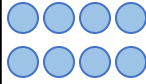
	Th	H	T	O
				
+				



VF

Add Two 4-Digit Numbers 1

5b. Use the place value chart to find the total.

	Th	H	T	O
				
+				



VF

6a. Complete the calculation.

	2	2	1	6
+	7	6	6	2



VF

6b. Complete the calculation.

	5	3	2	6
+		4	6	3



VF

7a. What number is missing from the calculation?

	5	7		1
+	1	2	3	5
	6	9	8	6



VF

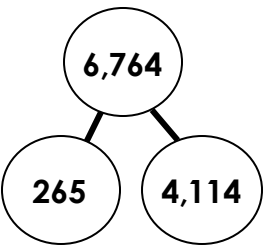
7b. What number is missing from the calculation?

	5	2	8	7
+	2		1	0
	7	9	9	7



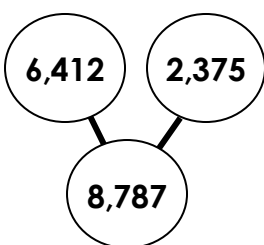
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8a. True or false? Use column addition to check the answer.



VF

8b. True or false? Use column addition to check the answer.



VF

Add Two 4-Digit Numbers 1

Add Two 4-Digit Numbers 1

9a. Use column addition to find the total.

	3	0	7	4
+	5	3	2	5



VF

9b. Use column addition to find the total.

	2	6	3	5
+	5	1	6	0



VF

10a. Complete the calculation.

$7,486 + 2,403$



VF

10b. Complete the calculation.

$5,105 + 393$



VF

11a. What number is missing from the calculation?

$3,256 + 2, __ 03 = 5,859$



VF

11b. What number is missing from the calculation?

$5,1 __ 3 + 3,645 = 8,768$



VF

12a. True or false? Use column addition to check the answer.

10,992	
9,712	127



VF

12b. True or false? Use column addition to check the answer.

8,179	
4,065	4,114



VF

Varied Fluency
Add Two 4-Digit Numbers 1

Developing

- 1a. **7,356**
2a. **6,974**
3a. **7 of the thousand counters.**
4a. **False, 3,738.**

Expected

- 5a. **8,659**
6a. **9,878**
7a. **5 in the tens column.**
8a. **False, 4,379.**

Greater Depth

- 9a. **8,399**
10a. **9,889**
11a. **6 in the hundreds column.**
12a. **False, 9,839.**

Varied Fluency
Add Two 4-Digit Numbers 1

Developing

- 1b. **6,565**
2b. **6,439**
3b. **5 of the hundred counters.**
4b. **True.**

Expected

- 5b. **8,699**
6b. **5,789**
7b. **7 in the hundreds column.**
8b. **True.**

Greater Depth

- 9b. **7,795**
10b. **5,498**
11b. **2 in the tens column.**
12b. **True.**