

Homework/Extension

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 1: (1P2) [Describe position, direction and movement, including whole, half, quarter and three quarter turns](#)

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Use column addition to match the place value charts to the correct answer. No exchanges.

Expected Use column addition to match the part whole model to the correct answer. No exchanges.

Greater Depth Use column addition to match the calculations presented in various formats to the correct answer. No exchanges.

Questions 2, 5 and 8 (Varied Fluency)

Developing Use the table to complete a place value chart and answer a question. No exchanges.

Expected Use the table and column addition to add two 4-digit numbers and answer the questions. No exchanges.

Greater Depth Use the clues in the table to add two 4-digit numbers and complete the table. Use the completed table to answer the questions. No exchanges.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Explain if a statement is correct when adding missing counters to a place value chart. No exchanges.

Expected Explain if a statement is correct when adding missing digits to complete the column addition. No exchanges.

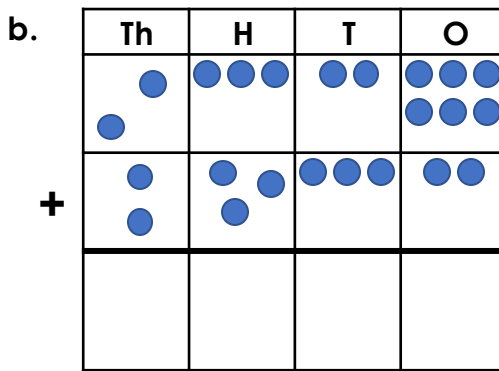
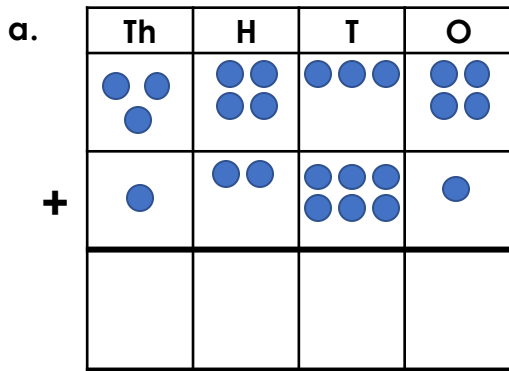
Greater Depth Explain if a statement is correct when adding missing digits to complete the addition shown in a linear format. No exchanges.

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

1. Use column addition to match the place value charts to the correct answer.



4,658

4,695

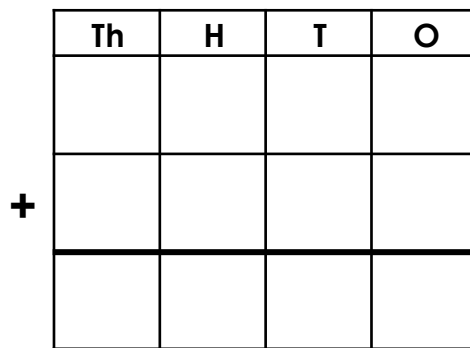
4,698



VF
HW/Ext

2. Tom is calculating the total profit he made over two days. Use the table to complete the place value chart and answer the question.

Day of the Week	Profit (£)
Monday	£1,306
Tuesday	£1,432
Total	

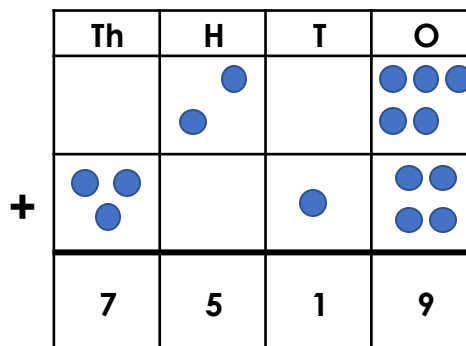


VF
HW/Ext

3. Leah is trying to complete the calculation below using place value counters.



I need to add 8 counters to the table to complete the calculation.



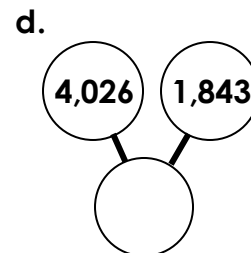
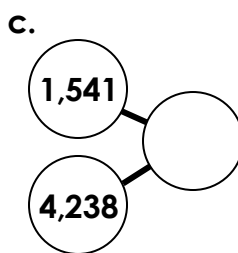
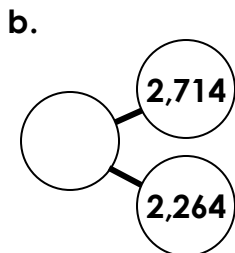
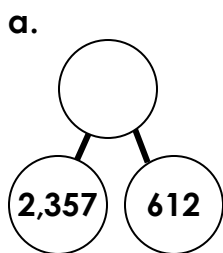
Is Leah correct? Prove it.



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Add Two 4-Digit Numbers 1

4. Use column addition to match the part whole models to the correct answer.



4,978

5,869

5,779

2,969



VF
HW/Ext

5. Kayla is calculating the profit she made on different days of the week. Use the table to answer the questions.

Day of the Week	Profit (£)
Monday	£2,241
Tuesday	£1,654
Wednesday	£2,148
Thursday	£1,730
Friday	£245
Saturday	£7,126

a. What was the total profit made on Thursday and Friday?

b. What was the total profit made on Saturday and Monday?

c. Which made the greatest profit?
Monday and Tuesday
or
Wednesday and Thursday?



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HW/Ext

6. Sasha is trying to complete the calculation below.



I can use the digits 5, 7 and 2 to complete the calculation.

	<input type="text"/>	2	3	7
+	2	<input type="text"/>	1	<input type="text"/>
	9	7	4	8

Is Sasha correct? Prove it.



RPS
HW/Ext

Add Two 4-Digit Numbers 1

7. Use column addition to match the different representations to the correct answer.

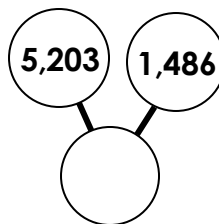
a.

$$4,618 + 351$$

b.

3,027	3,642

c.



d.

$$1,517 + 5,162$$

6,669

6,689

4,969

6,679



VF
HW/Ext

8. Seth is calculating the profit he made on different days of the week. Use the table to answer the questions.

Day of the Week	Profit (£)
Monday	£3,203
Tuesday	£2,512
Wednesday	£463
Thursday	Monday and Tuesday combined
Friday	£3,232
Saturday	Double Friday's profit

a. What was the total profit made on Thursday and Friday?

b. What was the total profit made on Saturday and Monday?

c. Which made the greatest profit?
Monday and Tuesday
or
Wednesday and Friday?



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9. Oscar is trying to complete the calculation below.



I can use the digits 6, 3 and 4 to complete the calculation.

$$\square, 162 + 5, \square 1 \square = 9, 775$$

Is Oscar correct? Prove it.



RPS
HW/Ext

Homework/Extension

Add Two 4-Digit Numbers 1

Developing

1. $A = 4,695$; $B = 4,658$
2. $£1,306 + £1,432 = 2,738$
3. Leah is not correct because she needs to add 4 counters to the thousands column and 3 to the hundreds column. 4 counters + 3 counters = 7 counters. $4,205 + 3,314 = 7,519$

Expected

4. $A = 2,969$; $B = 4,978$; $C = 5,779$; $d = 5,869$.
5. $A = £1,975$; $B = £9,367$; $C = \text{Monday and Tuesday}$
6. Sasha is not correct because she can use 7 for the thousands and the 5 for the hundreds column but she needs a 1 for the ones column. $7,237 + 2,511 = 9,748$.

Greater Depth

7. $A = 4,969$; $B = 6,669$; $C = 6,689$; $d = 6,679$.
8. $A - \text{Thursday is } £5,715$; $\text{Thursday and Friday} = £8,947$; $B - \text{Saturday is } £6,464$; $\text{Saturday and Monday} = £9,667$; $C = \text{Monday and Tuesday}$.
9. Oscar is correct because he can use 4 for the thousands column, 6 for the hundreds column and 3 for the ones column. $4,162 + 5,613 = 9,775$