

# Homework/Extension

## Step 14: Add Two 3-Digit Numbers 2

### National Curriculum Objectives:

Mathematics Year 3: (3C2) [Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction](#)

Mathematics Year 3: (3C4) [Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction](#)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Add two 3-digit numbers and circle the correct total. Involves some crossing of tens or hundreds; using Base 10 and numerals only within a place value chart.

**Expected** Add two 3-digit numbers and circle the correct total. Involves crossing of tens or hundreds; using column format and place value grids with place value counters.

**Greater Depth** Add two 3-digit numbers and circle the correct total. Involves crossing of tens or hundreds; using numerals and words. No column format provided.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Fill in the missing gaps in the place value chart to complete an addition. Involves some crossing of tens or hundreds; using Base 10 and numerals only within a place value chart.

**Expected** Fill in the missing gaps in the place value chart to complete an addition. Involves crossing of tens or hundreds; using column format and place value grids with place value counters.

**Greater Depth** Fill in the missing gaps in the place value chart to complete an addition. Involves crossing of tens or hundreds; using numerals and words. No column format provided.

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

**Developing** Find and explain the mistake in a given column addition. Involves some crossing of tens or hundreds; using Base 10 and numerals only within a place value chart.

**Expected** Find and explain the mistake in a given column addition. Involves crossing of tens or hundreds when using column format.

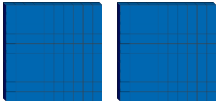
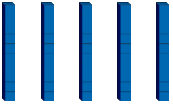

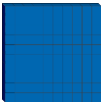


**Greater Depth** Find and explain the mistake in a given addition. Involves crossing of tens or hundreds; using numerals and words. No column format provided.

More [Year 3 Addition and Subtraction](#) resources.

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

# Add Two 3-Digit Numbers 2

1. Add the numbers in the place value chart below. Circle the correct answer.

	H	T	O
+			
			

A. 369

B. 386

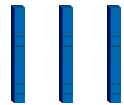
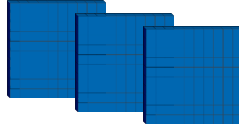

C. 395

D. 396



VF  
HW/Ext


2. Fill in the missing gaps in the place value chart below to complete the addition.





	H	T	O
+	4		6
			
		9	


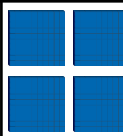





VF  
HW/Ext

3. Jackson and Emma have both worked out the addition shown below.

  
 Jackson

H	T	O
		3
4		
6	9 1	1

H	T	O
2	6	
		
6	9 1	2

  
 Emma

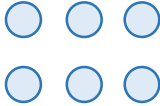

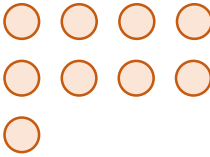
Whose calculation is incorrect? Explain why.



RPS  
HW/Ext

# Add Two 3-Digit Numbers 2

4. Add the numbers in the place value chart below. Circle the correct answer.




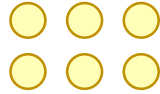
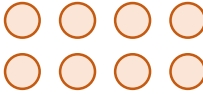
H	T	O
3		8
+		
	4	

- A. 807
- B. 816
- C. 817
- D. 718



VF  
HW/Ext

5. Fill in the missing gaps in the place value chart below to complete the addition.

H	T	O
		
+		
		
	8	



VF  
HW/Ext

6. Sanjay and Lucie have both worked out the addition shown below.



	3	9	5
+	2	6	4
	6	6	9
	1		

	3	9	5
+	2	6	4
	6	5	9
	1		



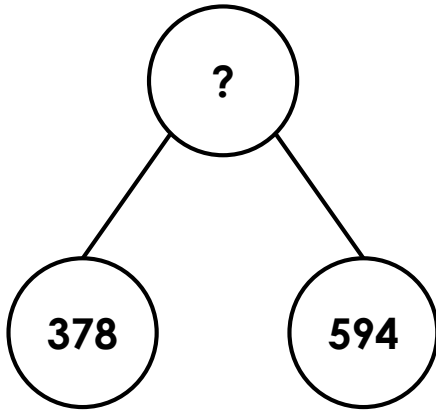
Whose calculation is incorrect? Explain why.



RPS  
HW/Ext

## Add Two 3-Digit Numbers 2

7. Add the two numbers in the part-whole model below. Circle the correct answer.



A. nine hundred and seventy-three

D. nine hundred and sixty-two

B. eight hundred and seventy-two

E. nine hundred and seventy-two

C. nine hundred and twenty-seven

F. eight hundred and sixty-two



VF  
HW/Ext

8. Fill in the missing gaps to complete the additions below.

A.  $6 \square 7 + 2 7 \square = 8 9 3$

B.  $\square 3 8 + 4 \square 9 = 9 9 7$



VF  
HW/Ext

9. Layla and Aiden have both worked out the addition shown below.



Layla

785	
four hundred and sixty-six	329

seven hundred and ninety-five	
three hundred and twenty-nine	466



Aiden

Whose calculation is incorrect? Explain why.






RPS  
HW/Ext

## Homework/Extension

### Add Two 3-Digit Numbers 2

#### Developing







1. D
2.  $436 + 362 = 789$

	H	T	O
	4		6
+		6	
	7	9	8

3. Emma's calculation is incorrect as she has added the digits in the ones column incorrectly.  $8 + 3 = 11$ .

#### Expected

4. C
5.  $253 + 628 = 881$

	H	T	O
			
+			
	8	8 1	1

6. Sanjay's calculation is incorrect as he has added the digits in the tens column incorrectly.  $9 + 6 = 15$ .

#### Greater Depth

7. E
8.
  - A.  $6 \boxed{1} 7 + 2 7 \boxed{6} = 8 9 3$
  - B.  $\boxed{5} 3 8 + 4 \boxed{5} 9 = 9 9 7$

9. Layla's calculation is incorrect as she has forgotten to add the ten that she exchanged.  $466 + 329 = 795$ .