

# Homework/Extension

## Step 11: Add 2-Digit Numbers 1

### National Curriculum Objectives:

Mathematics Year 2 (2C2a): [Add and subtract numbers mentally, including: a two-digit number and tens](#)

Mathematics Year 2 (2C2b): [Add and subtract numbers using concrete objects and pictorial representations, including: a two-digit number and tens](#)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Add 2-digit numbers with no exchange and use  $<$  and  $>$  to compare answers. Includes place value charts using Base 10.

**Expected** Add 2-digit numbers with no exchange and use  $<$  and  $>$  to compare answers. Includes column format.

**Greater Depth** Add 2-digit numbers with no exchange and use  $<$  and  $>$  to compare answers. Includes numerals, words and some partitioned numbers with questions represented in a linear format.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Write a number sentence to match the calculations, with no exchange. Linear calculations supported by Base 10 on a place value chart.

**Expected** Write a number sentence to match the calculations, with no exchange. Linear calculations supported by place value counters on a place value chart.

**Greater Depth** Write a number sentence to match the calculations, with no exchange. Includes numerals, words and some partitioned numbers with questions represented in a linear format.

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

**Developing** Prove who has added 2-digit numbers correctly, with no exchange. Includes numerals and place value charts using Base 10.

**Expected** Prove who has added 2-digit numbers correctly, with no exchange. Includes partitioned numbers and place value charts using place value counters.

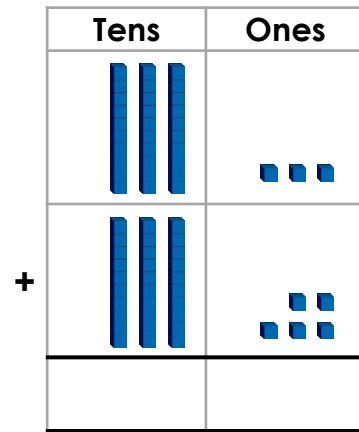
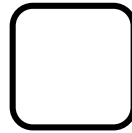
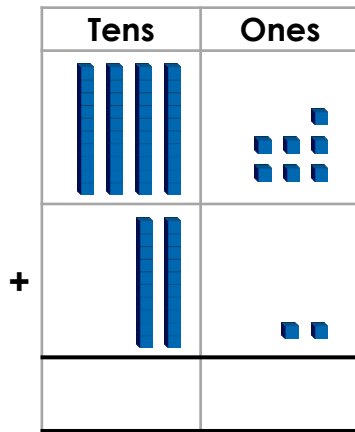
**Greater Depth** Prove who has added 2-digit numbers correctly, with no exchange. Includes partitioned numbers in numerals and words, with questions represented in a linear format.

More Year 2 [Addition and Subtraction](#) resources.

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

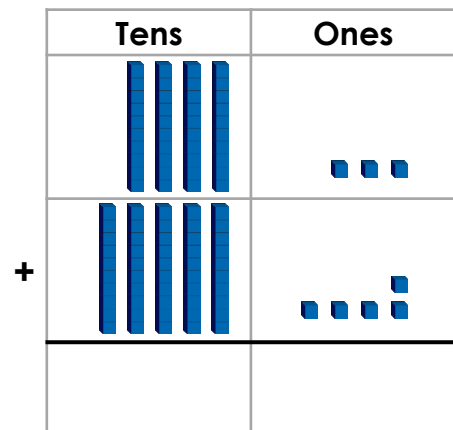
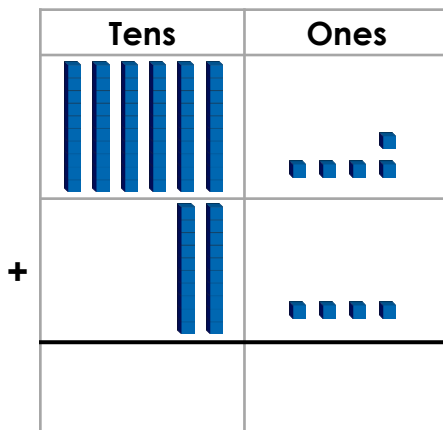
# Add 2-Digit Numbers 1

1. Use < or > to compare the calculations below.



VF  
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2. Complete the number sentence to match the calculations below.



A.  + 24 =

B. 43 +  =



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3. Class 2F are completing the calculation below.

Chen says,

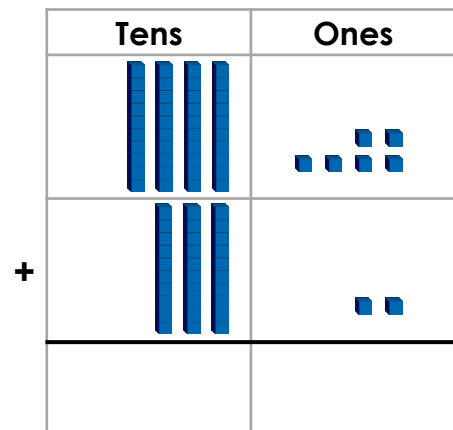


I think the answer is 78.

Bea says,



I think the answer 87.



Who is correct? Prove it.

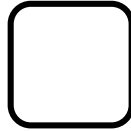


RPS  
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# Add 2-Digit Numbers 1

4. Use < or > to compare the calculations below.

	5	6
+	4	2
<hr/>		
<hr/>		







	6	4
+	3	5
<hr/>		
<hr/>		







VF  
HW/Ext

5. Write a number sentence to match the calculations below.

Tens	Ones
	
+	
	
<hr/>	

A.

$$\square + \square = \square$$

Tens	Ones
	
+	
	
<hr/>	

B.

$$\square + \square = \square$$



VF  
HW/Ext

6. Class 2B are completing the calculation below.

Ken says,







I think the answer will have  
5 tens and 6 ones.

Rosie says,



I think the answer will have  
6 tens and 5 ones.

Tens	Ones
	
+	
	
<hr/>	

Who is correct? Prove it.

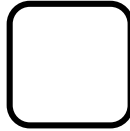


RPS  
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## Add 2-Digit Numbers 1

7. Use < or > to compare the calculations below.

$$73 + 16$$



4 tens and 2 ones  
+ 3 tens and 6 ones



VF  
HW/Ext

8. Write a number sentence to match the calculations below.

fifty-one + thirty-seven

three tens and three  
ones + five tens and six  
ones

A.  $\square + \square = \square$

B.  $\square + \square = \square$



VF  
HW/Ext

9. Class 2E are completing the calculation below.

seven tens and two ones + two tens and five ones

Lee says,



I think the answer will have seven tens  
and nine ones.

Mia says,



I think the answer will have nine tens  
and seven ones.

Who is correct? Prove it.



RPS  
HW/Ext

## Homework/Extension

### Add 2-Digit Numbers 1

#### Developing

1.  $69 > 68$
2. A.  $65 + 24 = 89$ ; B.  $43 + 55 = 98$
3. Chen is correct because  $46 + 32 = 78$

#### Expected

4.  $98 < 99$
5. A.  $52 + 47 = 99$ ; B.  $63 + 12 = 75$
6. Ken is correct because  $32 + 24 = 56$

#### Greater Depth

7.  $89 > 78$
8. A.  $51 + 37 = 88$ ; B.  $33 + 56 = 89$
9. Mia is correct because  $72 + 25 = 97$