

# Homework/Extension

## Step 1: Add and Subtract Multiples of 100

### National Curriculum Objectives:

Mathematics Year 3: (3C1) [Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three digit number and hundreds](#)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Complete bar models to show adding and subtracting multiples of 100 up to 1,000. Use of concrete manipulatives only; questions represented using Base 10.

**Expected** Complete bar models to show adding and subtracting multiples of 100 up to 1,000. Using a variety of manipulatives. Numbers presented as numerals and some words.

**Greater Depth** Complete bar models to show adding and subtracting multiples of 100 up to 1,000. No images given for support. Numbers presented as numerals or words.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Find the incorrect calculation using knowledge of adding and subtracting multiples of 100 up to 1,000. Use of concrete manipulatives only; questions represented using Base 10.

**Expected** Find the incorrect calculation using knowledge of adding and subtracting multiples of 100 up to 1,000. Using a variety of manipulatives. Numbers presented as numerals and some words.

**Greater Depth** Find the incorrect calculation using knowledge of adding and subtracting multiples of 100 up to 1,000. No images given for support. Numbers presented as numerals or words.

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

**Developing** Explain if a statement is correct using knowledge of adding and subtracting multiples of 100 up to 1,000. Use of concrete manipulatives only; questions represented using Base 10.

**Expected** Explain if a statement is correct using knowledge of adding and subtracting multiples of 100 up to 1,000. Using a variety of manipulatives. Numbers presented as numerals and some words.

**Greater Depth** Explain if a statement is correct using knowledge of adding and subtracting multiples of 100 up to 1,000. No images given for support. Numbers presented as numerals or words.

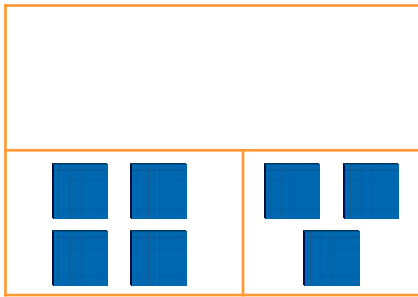
More [Year 3 Addition and Subtraction](#) resources.

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

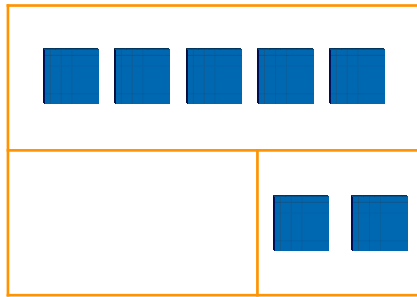
# Add and Subtract Multiples of 100

1. Complete the bar models using Base 10.

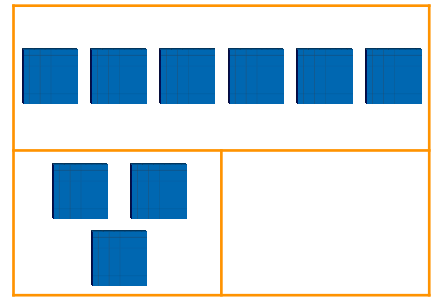
A.



B.

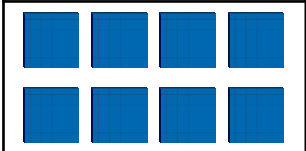
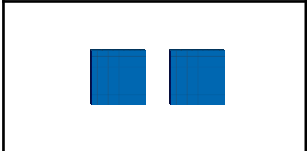
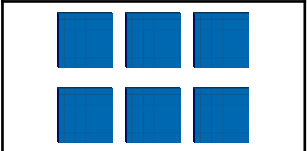


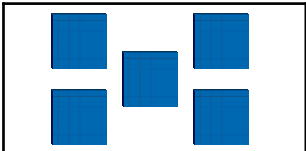
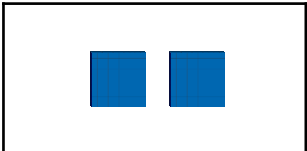
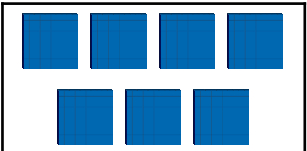
C.

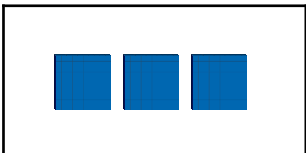
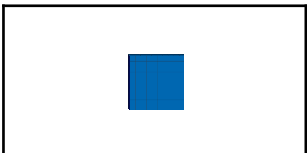
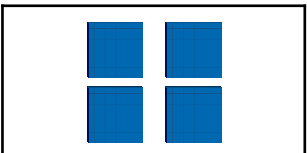


VF  
HW/Ext

2. Tick the incorrect calculation.

A.  =  + 

B.  -  = 

C.  +  = 



VF  
HW/Ext

3. Raj is subtracting multiples of 100.



To check my answer, I need to work out



Is he correct? Explain how you know.

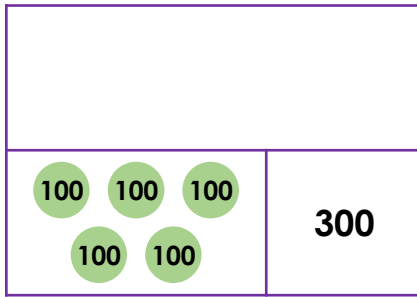


RPS  
HW/Ext

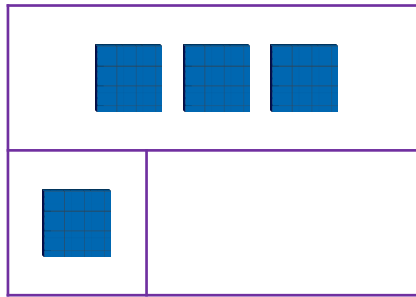
# Add and Subtract Multiples of 100

4. Complete the bar models.

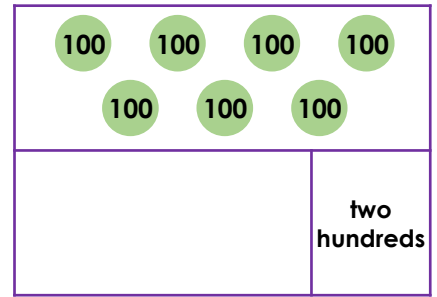
A.



B.



C.



VF  
HW/Ext

5. Tick the incorrect calculation.

A. = four hundreds + ☐

B. 300 + = ☐

C. - 200 = ☐



VF  
HW/Ext

6. Kevin is adding multiples of 100.

$$\begin{array}{c} 100 \\ 100 \end{array} + \begin{array}{c} 100 \\ 100 \end{array} = \begin{array}{c} 100 \\ 100 \end{array} + 200$$



To check my answer, I need to work out

$$\begin{array}{c} \square \\ \square \end{array} + \begin{array}{c} \square \\ \square \end{array} - \begin{array}{c} \square \\ \square \end{array}$$

Is he correct? Explain how you know.

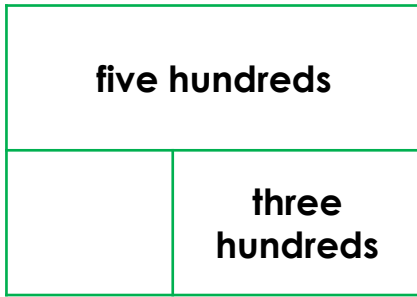


RPS  
HW/Ext

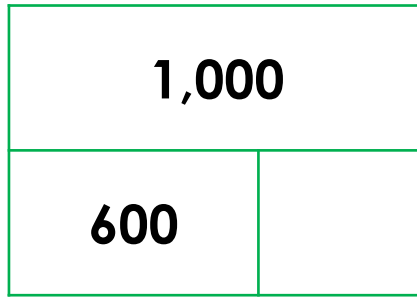
## Add and Subtract Multiples of 100

7. Complete the bar models.

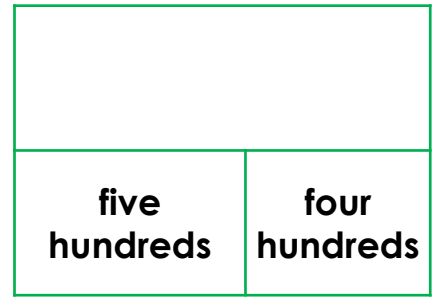
A.



B.



C.



VF  
HW/Ext

8. Tick the incorrect calculation.

A. 

600
-----

 $-$ 

400
-----

 $=$ 

200
-----

B. 

seven hundreds
----------------

 $=$ 

eight hundreds
----------------

 $-$ 

one hundred
-------------

C. 

200
-----

 $=$ 

300
-----

 $+$ 

100
-----



VF  
HW/Ext

9. Seth is subtracting multiples of 100.

$$600 = 800 - 200$$



To check my answer, I need to work out  
eight hundreds + two hundreds

Is he correct? Explain how you know.



RPS  
HW/Ext

## Homework/Extension

### Add and Subtract Multiples of 100

#### Developing

1. **A: 700, B: 300, C: 300**
2. **B because  $500 - 200 = 300$**
3. **He is correct because  $400 + 200 = 600$**

#### Expected

4. **A: 800, B: 200, C: 500**
5. **A because  $400 + 400 = 800$**
6. **He is correct because  $500 - 300 = 200$**

#### Greater Depth

7. **A: two hundreds, B: 400, C: nine hundreds**
8. **C because  $300 + 100 = 400$**
9. **He is incorrect because  $800 + 200 = 1,000$ . He should have done  $600 + 200 = 800$ .**