

# Varied Fluency

## Step 8: Add and Subtract 100s

### National Curriculum Objectives:

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

### Differentiation:

**Developing** Questions to support adding and subtracting multiples of 100 to/from multiples of 100 up to 1000.

**Expected** Questions to support adding and subtracting multiples of 100 to/from 3-digit numbers to 1000.


**Greater Depth** Questions to support adding and subtracting multiples of 100 to/from any numbers up to and beyond 1,000.

[More resources](#) which follow the same small steps as White Rose.

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

# Varied Fluency – Add and Subtract 100s

1a. Starting with the number below each time, complete the calculations.


100s	10s	1s
		

- a. + 300
- b. + 500
- c. – 100



VF

1b. Starting with the number below each time, complete the calculations.

100s	10s	1s
		

- a. + 500
- b. – 300
- c. + 400



VF

2a. Find the number covered by the splat.

$$200 + \text{splat} = 700$$



VF

2b. Find the number covered by the splat.

$$\text{splat} - 300 = 600$$



VF

3a. Calculate the following:

a.  $200 + 400 =$

b.  $500 - 200 =$

c.  $600 + 200 =$

d.  $400 + 300 =$

e.  $900 - 500 =$



VF

3b. Calculate the following:

a.  $100 + 300 =$

b.  $700 - 300 =$

c.  $300 + 200 =$

d.  $600 + 300 =$

e.  $900 - 800 =$



VF

4a. Add 200 each time to complete the sequence.

0				800
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VF

4b. Subtract 100 each time to complete the sequence.




700		500		
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VF

# Varied Fluency – Add and Subtract 100s

5a. Starting with the number below each time, complete the calculations.




100s	10s	1s
		

- a. + 600
- b. + 400
- c. – 200



VF

5b. Starting with the number below each time, complete the calculations.

100s	10s	1s
		

- a. + 700
- b. – 200
- c. + 400



VF

6a. Find the number covered by the splat.

$$546 + \text{splat} = 946$$



VF

6b. Find the number covered by the splat.

$$\text{splat} - 300 = 487$$



VF

7a. Calculate the following:

a.  $355 + 200 =$

b.  $598 - 400 =$

c.  $709 + 200 =$

d.  $590 + 300 =$

e.  $957 - 600 =$



VF

7b. Calculate the following:

a.  $108 + 300 =$

b.  $445 - 300 =$

c.  $319 + 400 =$

d.  $644 + 300 =$

e.  $984 - 700 =$



VF

8a. Add 200 each time to complete the sequence.

5				805
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VF

8b. Subtract 100 each time to complete the sequence.




982		782		
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VF

# Varied Fluency – Add and Subtract 100s

9a. Starting with the number below each time, complete the calculations.




100s	10s	1s
		

- + 600
- + 300
- 300



VF

9b. Starting with the number below each time, complete the calculations.

100s	10s	1s
		

- + 800
- 200
- + 500



VF

10a. Find the number covered by the splat.

$$892 + \text{splat} = 1,092$$



VF

10b. Find the number covered by the splat.

$$\text{splat} - 300 = 999$$



VF

11a. Calculate the following:

a.  $1,105 + 200 =$

b.  $1,000 - 400 =$

c.  $598 + 500 =$

d.  $720 + 300 =$

e.  $1,009 - 600 =$



VF

11b. Calculate the following:

a.  $1,008 + 300 =$

b.  $1,215 - 300 =$

c.  $819 + 400 =$

d.  $609 + 300 =$

e.  $1,010 - 700 =$



VF

12a. Add 300 each time to complete the sequence.

245				1,445
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VF

12b. Add 200 each time to complete the sequence.

402		802		
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VF

# Varied Fluency – Add and Subtract 100s

## Developing

- 1a.  $A = 500, b = 700, c = 100$
- 1b.  $A = 900, b = 100, c = 800$
- 2a. 500
- 2b. 900
- 3a. 600, 300, 800, 700, 400
- 3b. 400, 400, 500, 900, 100
- 4a. 200, 400, 600
- 4b. 600, 400, 300

## Expected

- 5a.  $A = 944, b = 744, c = 144$
- 5b.  $A = 965, b = 65, c = 665$
- 6a. 400
- 6b. 787
- 7a. 555, 198, 909, 890, 357
- 7b. 408, 145, 719, 944, 284
- 8a. 205, 405, 605
- 8b. 882, 682, 582

## Greater Depth

- 9a.  $A = 1,076, b = 776, c = 176$
- 9b.  $A = 1,221, b = 221, c = 921$
- 10a. 200
- 10b. 1,299
- 11a. 1,305, 600, 1,098, 1,020, 409
- 11b. 1,308, 915, 1,219, 909, 310
- 12a. 545, 845, 1,145
- 12b. 602, 1,002, 1,202