

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.

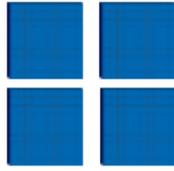
100s	10s	1s
		

- + 300
- + 500
- 100



VF

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

100s	10s	1s
		

- + 500
- 300
- + 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:

- $200 + 400 =$
- $500 - 200 =$
- $600 + 200 =$
- $400 + 300 =$
- $900 - 500 =$



VF

3b. Calculate the following:

- $100 + 300 =$
- $700 - 300 =$
- $300 + 200 =$
- $600 + 300 =$
- $900 - 800 =$



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

- + 600
- + 400
- 200



VF

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

100s	10s	1s

- + 700
- 200
- + 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.

b.

c.

d.

e.



VF

7b. Calculate the following:

a.

b.

c.

d.

e.



VF

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

<input type="text" value="5"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="805"/>
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VF

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

<input type="text" value="982"/>	<input type="text"/>	<input type="text" value="782"/>	<input type="text"/>	<input type="text"/>
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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:

- $1,105 + 200 =$
- $1,000 - 400 =$
- $598 + 500 =$
- $720 + 300 =$
- $1,009 - 600 =$



VF

11b. Calculate the following:

- $1,008 + 300 =$
- $1,215 - 300 =$
- $819 + 400 =$
- $609 + 300 =$
- $1,010 - 700 =$



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