

Varied Fluency

Step 1: 1s, 10s, 100, 1,000s

National Curriculum Objectives:

Mathematics Year 4: (4C2) [Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate](#)

Differentiation:

Developing Add and subtract thousands, hundreds, tens and ones to 3-digit numbers using concrete, abstract and mental calculation methods.

Expected Add and subtract thousands, hundreds, tens and ones to 4-digit numbers using concrete, abstract and mental calculation methods (includes some exchanging in one column).

Greater Depth Add and subtract thousands, hundreds, tens and ones to 4-digit numbers using concrete, abstract and mental calculation methods (includes exchanging in two columns).

[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 – 1s, 10s, 100s, 1,000s

1a. Complete the calculations mentally.

a $355 + 40 =$

b $987 - 200 =$

c $652 - 400 =$

d $895 + 1,000 =$

e $450 - 400 =$



4 VF

1b. Complete the calculations mentally.

a $880 + 3,000 =$

b $695 - 200 =$

c $465 - 60 =$

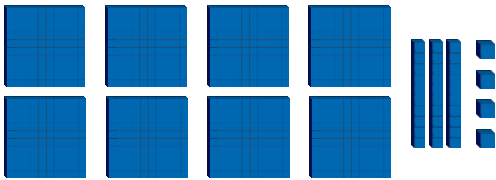
d $990 + 2,000 =$

e $9 + 800 =$



4 VF

2a. Starting with the number below, complete the calculations.



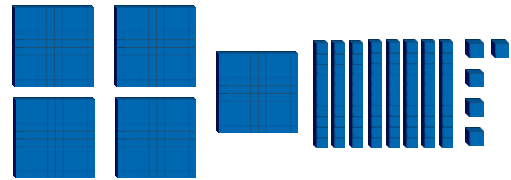
- Add 40
- Subtract 200
- Add 3,000

What is the final answer?



4 VF

2b. Starting with the number below, complete the calculations.



- Add 200
- Subtract 70
- Add 4,000

What is the final answer?



4 VF

3a. Chuan thinks of a number.

I add 1,000 to it, subtract 30, add 3, then subtract 200. My answer is 1,428.



Chuan

What number did he start with?



4 VF

3b. Hafsa thinks of a number.

I add 2,000 to it, subtract 10, add 3, then subtract 200. My answer is 2,509.



Hafsa

What number did she start with?



4 VF

4a. Complete the sequence.

305	415		635	
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4 VF

4b. Complete the sequence.

840	1,840			4,840
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4 VF

Varied Fluency – 1s, 10s, 100s, 1,000s

5a. Complete the calculations mentally.

a $5,778 + 40 =$

b $4,155 - 200 =$

c $1,330 - 400 =$

d $3,895 - 900 =$

e $2,450 - 400 =$



4 VF

5b. Complete the calculations mentally.

a $1,880 + 2,000 =$

b $3,895 + 200 =$

c $4,865 - 70 =$

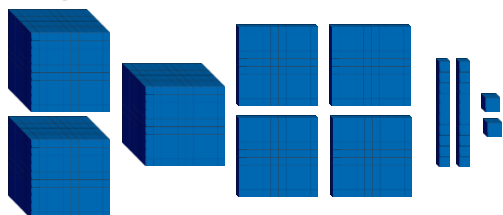
d $3,850 + 200 =$

e $3,070 - 80 =$



4 VF

6a. Starting with the number below, complete the calculations.



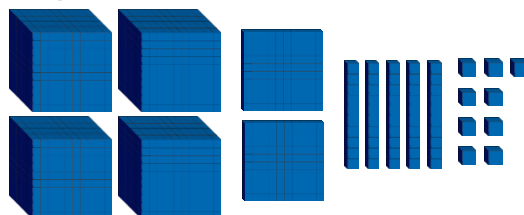
- Add 80
- Subtract 2,000
- Add 200

What is the final answer?



4 VF

6b. Starting with the number below, complete the calculations.



- Add 2
- Subtract 3,000
- Add 400

What is the final answer?



4 VF

7a. Josh thinks of a number.

I add 1,000 to it, subtract 50, add 5, then subtract 400. My answer is 6,597.



Josh

What number did he start with?



4 VF

7b. Sinead thinks of a number.

I add 3,000 to it, subtract 70, add 4, then subtract 200. My answer is 5,099.



Sinead

What number did she start with?



4 VF

8a. Complete the sequence.

1,040	1,160		1,400	
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4 VF

8b. Complete the sequence.

2,400			5,700	6,800
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4 VF

Varied Fluency – 1s, 10s, 100s, 1,000s

9a. Complete the calculations mentally.

a $5,985 + 20 =$

b $4,890 + 200 =$

c $3,030 - 420 =$

d $9,599 - 600 =$

e $1,075 - 605 =$



4 VF

9b. Complete the calculations mentally.

a $1,720 + 2,400 =$

b $5,990 + 300 =$

c $5,075 - 270 =$

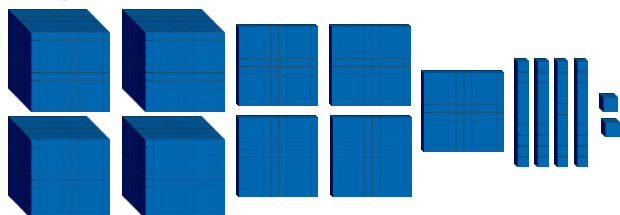
d $850 + 3,200 =$

e $1,090 - 100 =$



4 VF

10a. Starting with the number below, complete the calculations.



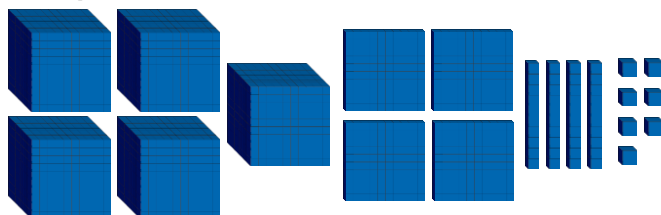
- Add 70
- Subtract 3,000
- Add 500

What is the final answer?



4 VF

10b. Starting with the number below, complete the calculations.



- Add 4
- Subtract 2,000
- Add 50

What is the final answer?



4 VF

11a. Cian thinks of a number.

I add 1,000 to it, subtract 90, add 9, then subtract 400. My answer is 7,921.



Cian

What number did he start with?



4 VF

11b. Kelly thinks of a number.

I add 2,000 to it, subtract 80, add 3, then subtract 800. My answer is 7,902.



Kelly

What number did she start with?



4 VF

12a. Complete the sequence.

990	2,110		4,350	
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4 VF

12b. Complete the sequence.

850	1,875			4,950
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4 VF

Varied Fluency – 1s, 10s, 100s, 1,000s

Developing

1a. $a = 395$; $b = 787$; $c = 252$; $d = 1,895$; $e = 50$

1b. $a = 3,880$; $b = 495$; $c = 405$; $d = 2,990$; $e = 809$

2a. 3,674

2b. 4,715

3a. 655

3b. 716

4a. 525; 745

4b. 2,840; 3,840

Expected

5a. $a = 5,818$; $b = 3,955$; $c = 930$; $d = 2,995$; $e = 2,050$

5b. $a = 3,880$; $b = 4,095$; $c = 4,795$; $d = 4,050$; $e = 2,990$

6a. 1,702

6b. 1,661

7a. 6,042

7b. 2,365

8a. 1,280; 1,520

8b. 3,500; 4,600

Greater Depth

9a. $a = 6,005$; $b = 5,090$; $c = 2,610$; $d = 8,999$; $e = 470$

9b. $a = 4,120$; $b = 6,290$; $c = 4,805$; $d = 4,050$; $e = 990$

10a. 2,112

10b. 3,501

11a. 7,402

11b. 6,779

12a. 3,230; 5,470

12b. 2,900; 3,925