

Varied Fluency

Step 14: Add two 3-Digit Numbers 2

National Curriculum Objectives:

Mathematics Year 3: (3C2) [Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction](#)

Mathematics Year 3: (3C4) [Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction](#)

Differentiation:

Developing Questions to support adding two 3-digit numbers with one exchange.

Expected Questions to support adding two 3-digit numbers with two exchanges.

Greater Depth Questions to support adding two 3-digit or 4-digit numbers with two or more exchanges.

[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.

Add two 3-Digit Numbers 2

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1a. What is the total of the place value counters?

H	T	O



VF

1b. What is the total of the place value counters?

H	T	O



VF

2a. Max collects 133 football cards. Harvey collects 181. How many cards do they have altogether?

Use column addition to find the answer.



VF

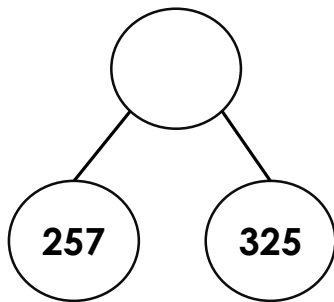
2b. Henry scores 483 on a computer game. Liam scores 219. What is their total score?

Use column addition to find the answer.



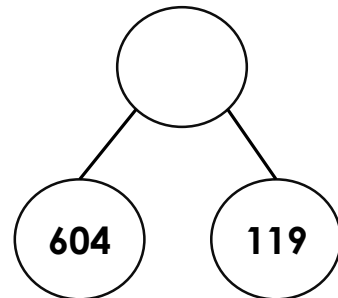
VF

3a. Complete the part whole model.



VF

3b. Complete the part whole model.



VF

4a. True or false? The answer to this calculation is correct.

H	T	O
8	9	2



VF

4b. True or false? The answer to this calculation is correct.

H	T	O
4	2	7

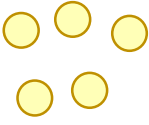
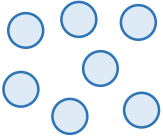

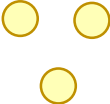

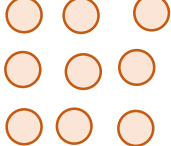


VF

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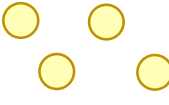
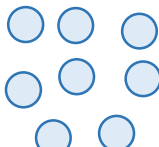
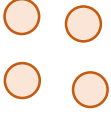

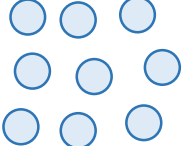
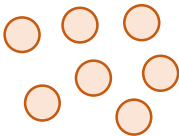
5a. What is the total of the place value counters?

H	T	O
		
		



VF

5b. What is the total of the place value counters?

H	T	O
		
		



VF

6a. Mike scores 274 in a round of darts. His friend scores 348. What is the total of their scores?

Use column addition to find the answer.



VF

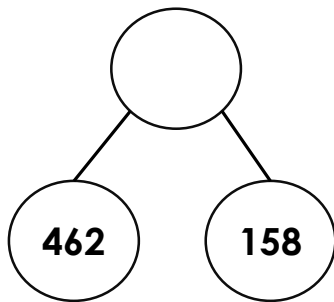
6b. Jade collects 167 conkers and Isla collects 284. How many conkers do they have altogether?

Use column addition to find the answer.



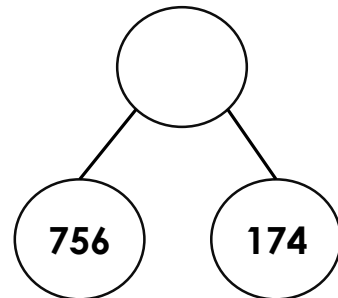
VF

7a. Complete the part whole model.




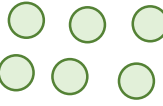
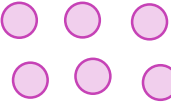

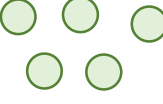
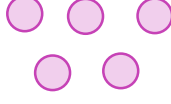
VF

7b. Complete the part whole model.



VF



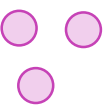


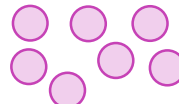
8a. True or false? The answer to this calculation is correct.

H	T	O
		
		
5	2	1



VF

8b. True or false? The answer to this calculation is correct.

H	T	O
		
		
8	2	0



VF

Add two 3-Digit Numbers 2

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9a. What is the total of the place value counters?

Th	H	T	O



VF

9b. What is the total of the place value counters?

Th	H	T	O



VF

10a. Connor raises £1,652 in sponsorship money. Scott raises £979. What is the total amount of money?

Use column addition to find the answer.



VF

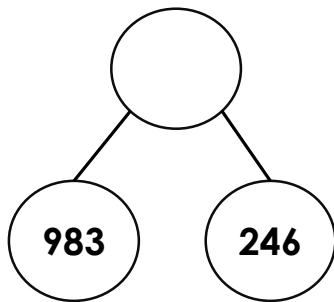
10b. Ava has 2,497 building bricks. Jessie has 1,715 bricks. How many bricks do they have altogether?

Use column addition to find the answer.



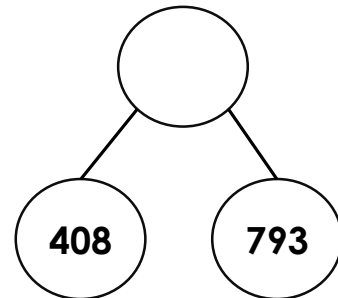
VF

11a. Complete the part whole model.



VF

11b. Complete the part whole model.



VF

12a. True or false? The answer to this calculation is correct.

Th	H	T	O
1	1	1	1



VF

12b. True or false? The answer to this calculation is correct.

Th	H	T	O
2	3	4	3



VF

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Add two 3-Digit Numbers 2

Developing

- 1a. **702**
- 2a. **314**
- 3a. **582**
- 4a. **True**

Expected

- 5a. **930**
- 6a. **622**
- 7a. **620**
- 8a. **False. The answer is 621.**

Greater Depth

- 9a. **3,434**
- 10a. **£2,631**
- 11a. **1,229**
- 12a. **False. The answer is 1,051.**

Varied Fluency
Add two 3-Digit Numbers 2

Developing

- 1b. **947**
- 2b. **702**
- 3b. **723**
- 4b. **False. The answer is 527.**

Expected

- 5b. **781**
- 6b. **451**
- 7b. **930**
- 8b. **True**

Greater Depth

- 9b. **4,162**
- 10b. **4,212**
- 11b. **1,201**
- 12b. **True**