Varied Fluency
Step 12: Subtract a 2-Digit Number from a 3-Digit Number

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 subtracting a 2-digit number from a 3-digit number with some exchanging. Using Base 10 and numerals only. Pictorial support for all questions, with some scaffolding provided using Base 10 where an exchange takes place.

Expected Questions to support subtracting a 2-digit number from a 3-digit number with exchanging. Using numerals and some pictorial representations.

Greater Depth Questions to support subtracting a 2-digit number from a 3-digit number with exchanging. Using numerals, words and mixed representations within a question.

More Year 3 Addition and Subtraction resources.

Did you like this resource? Don't forget to review it on our website.

1a. Mitchell has the number 142. Which representation shows his missing value?

A.

169	
28	?

B.

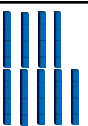|	H	T	O
−	■	‖‖‖	▪
		‖‖‖	▪▪▪ ▪▪▪ ▪▪▪
	?	?	?

1b. Alex has the number 257. Which representation shows her missing value?

A.

| 288	
31	?

B.

	H	T	O
−	■■	‖‖‖‖	▪
		‖‖‖	▪▪ ▪▪ ▪
	?	?	?

2a. True or false? 243 − 24 = 219.

H	T	O
■■	‖‖‖‖	▪▪▪

2b. True or false? 134 − 23 = 110.

H	T	O
■	‖‖‖	▪▪▪ ▪

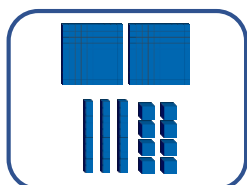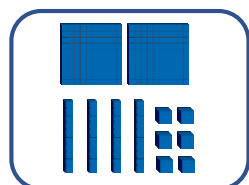**3a.** Jack has added a symbol to the equation below. Is he correct?

246 − 36 [<] 238 − 32

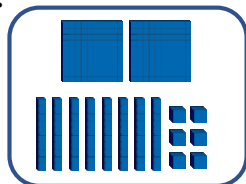**3b.** Sophie has added a symbol to the equation below. Is she correct?
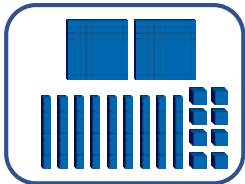
133 − 21 [>] 150 − 32
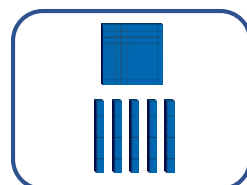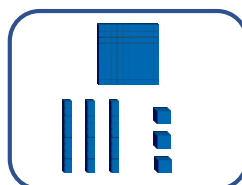
4a. Which calculation is the odd one out?

A. 286 − 61
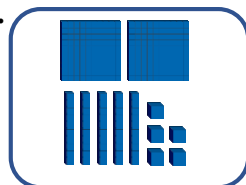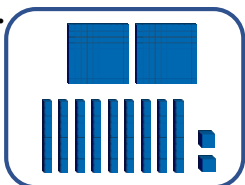
B. 298 − 73

C. 255 − 40

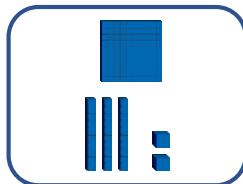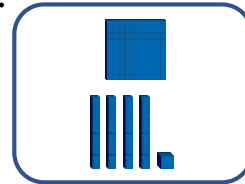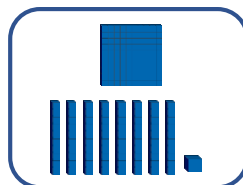D. 292 − 67

4b. Which calculation is the odd one out?

A. 132 − 12

B. 141 − 21

C. 181 − 71

D. 143 − 23

5a. Zak has the number four hundred and seventy-one. Which representation shows his missing value?

A.

528	
53	?

B.

	H	T	O
−	100 100 100 100	10	1 1 1 1
		10 10 10 10	1 1 1
	?	?	?

VF

5b. Gemma has the number one hundred and twenty-two. Which representation shows her missing value?

A.

190	
68	?

B.

	H	T	O
−	100	10 10 10 10	1
		10 10	1 1 1
	?	?	?

VF

6a. True or false?

$$826 = 851 - 27$$

VF

6b. True or false?

$$266 = 308 - 42$$

VF

7a. Jamie has added some symbols to the following equations. Is he correct?

A. $246 - 37 \boxed{=} 283 - 74$

B. $329 - 57 \boxed{>} 355 - 83$

VF

7b. Sally has added some symbols to the following equations. Is she correct?

A. $362 - 37 \boxed{<} 391 - 65$

B. $452 - 57 \boxed{<} 488 - 96$

VF

8a. Which calculation is the odd one out?

A.
	3	5	6
−		7	3

B.
	2	9	4
−		1	1

C.
	2	8	9
−		1	5

D.
	3	2	8
−		4	5

VF

8b. Which calculation is the odd one out?

A.
	5	5	3
−		7	3

B.
	4	9	8
−		1	9

C.
	5	3	2
−		5	2

D.
	5	2	5
−		4	5

VF

**classroomsecrets.co.uk**

Varied Fluency – Subtract a 2-Digit Number from a 3-Digit Number – Year 3 Expected

9a. Matt has the number five hundred and nineteen. Which representation shows his missing value?

A.

588	
59	?

B. −

H	T	O
100 100 100 100		1 1 1
	10 10 10 10	1 1 1
?	?	?

VF

9b. Emma has the number three hundred and nine. Which representation shows her missing value?

A.

342	
35	?

B. −

H	T	O
100 100		1 1
	10 10 10	
?	?	?

VF

10a. True or false?

seven hundred and eighty-two = 851 – 67

VF

10b. True or false?

four hundred and thirty-three = 507 – 68

VF

11a. Martin has added some symbols to the following equations. Is he correct?

A. 226 – 48 | < | two hundred and fifty – 62

B. six hundred and twenty-nine – 57 | > | 663 – 91

VF

11b. Hayton has added some symbols to the following equations. Is she correct?

A. 162 – 37 | = | 193 – 68

B. 759 – 81 | = | seven hundred – 22

VF

12a. Which calculation is the odd one out?

A. eight hundred and sixteen – 85

B.

801	
70	?

C.

```
    7  8  0
 -     4  9
_____
```

D.

792 — 53 / ?
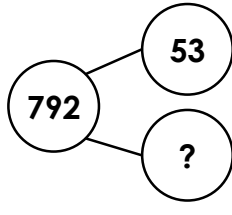
VF

12b. Which calculation is the odd one out?

A. six hundred and twenty – 72

B.

597	
48	?

C.

```
    6  0  0
 -     5  2
_____
```

D.

612 — 64 / ?

VF

classroomsecrets.co.uk

Varied Fluency – Subtract a 2-Digit Number from a 3-Digit Number – Year 3 Greater Depth
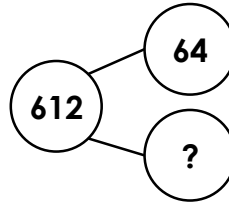
Varied Fluency
Subtract a 2-Digit Number from a 3-Digit Number

Developing
1a. B
2a. True
3a. He is not correct. 210 > 206.
4a. C is the odd one out as the answer is 215. The rest are 225.

Expected
5a. B
6a. False, 851 – 27 = 824
7a. A is correct, B is incorrect (=).
8a. C is the odd one out as the answer is 274. The rest are 283.

Greater Depth
9a. B
10a. False, 851 – 67 = 784.
11a. A is correct, B is incorrect (=).
12a. D is the odd one out as the answer is 739. The rest are 731.

Developing
1b. A
2b. False, 134 – 23 = 111.
3b. She is not correct. 112 < 118.
4b. C is the odd one out as the answer is 110. The rest are 120.

Expected
5b. A
6b. True
7b. A is correct, B is incorrect (>).
8b. B is the odd one out as the answer is 479. The rest are 480.

Greater Depth
9b. B
10b. False, 507 – 68 = 439.
11b. A is correct, B is correct.
12b. B is the odd one out as the answer is 449. The rest are 548.

classroomsecrets.co.uk
Varied Fluency – Subtract a 2-Digit Number from a 3-Digit Number **ANSWERS**