

Homework/Extension

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:

Questions 1, 4 and 7 (Varied Fluency)

Developing Match a representation of a calculation to its answer using knowledge of subtracting 2-digit numbers from 3-digit numbers with some exchanging. Base 10 and numerals only.

Expected Match a representation of a calculation to its answer using knowledge of subtracting 2-digit numbers from 3-digit numbers with exchanging using numerals and some pictorial representations.

Greater Depth Match a representation of a calculation to its answer using knowledge of subtracting 2-digit numbers from 3-digit numbers with exchanging using numerals, words and mixed representations.

Questions 2, 5 and 8 (Varied Fluency)

Developing Identify the odd one out using knowledge of subtracting 2-digit numbers from 3-digit numbers with some exchanging. Base 10 and numerals only.

Expected Identify the odd one out using knowledge of subtracting 2-digit numbers from 3-digit numbers with exchanging using numerals and some pictorial representations.

Greater Depth Identify the odd one out using knowledge of subtracting 2-digit numbers from 3-digit numbers with exchanging using numerals, words and mixed representations.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Prove the answer to a calculation using knowledge of subtracting 2-digit numbers from 3-digit numbers with exchanging in one column only. Bar model partially completed.

Expected Prove the answer to a calculation using knowledge of subtracting 2-digit numbers from 3-digit numbers with more than one exchange and an empty bar model.

Greater Depth Prove the answer to a calculation with more than one subtraction using knowledge of subtracting 2-digit numbers from 3-digit numbers with exchanging and an empty bar model.

More [Year 3 Addition and Subtraction](#) resources.

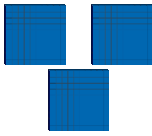
Did you like this resource? Don't forget to [review](#) it on our website.

Subtract a 2-Digit Number from a 3-Digit Number

1. Match the calculations to the answers below.

A.

$347 - 35$

Hundreds	Tens	Ones
		

B.

$263 - 57$

Hundreds	Tens	Ones
		

1.

214

2.

312

3.

206



VF
HW/Ext

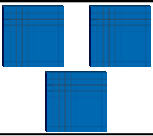
2. Which calculation is the odd one out?

A.

	3	2	5
-		1	4

B.

$340 - 29$

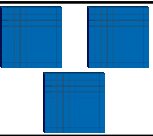
Hundreds	Tens	Ones
		

C.

	3	8	2
-		7	1

D.

$347 - 35$

Hundreds	Tens	Ones
		



VF
HW/Ext

3. There are 364 animals on a farm. 47 are cows and the rest are chickens.



364	
47	

How many chickens are there? Complete the bar model to prove it.



RPS
HW/Ext

Subtract a 2-Digit Number from a 3-Digit Number

4. Match the bar models to the correct missing values below.

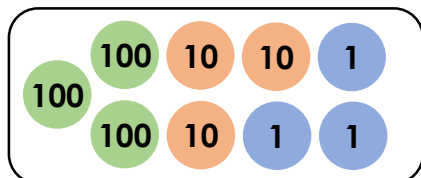
A.

347	
65	?

B.

392	
?	59

1.



2.



3.



VF
HW/Ext

5. Which calculation is the odd one out?

A.

	6	4	8
-		3	9

B.

	6	4	0
-		3	1

C.

	7	0	7
-		9	8

D.

657	
49	?

E.

633	
24	?



VF
HW/Ext

6. There are 603 animals on a farm. 98 are goats and the rest are sheep.



How many sheep are there? Complete the bar model to prove it.



RPS
HW/Ext

Subtract a 2-Digit Number from a 3-Digit Number

7. Match the bar models to the correct missing values.

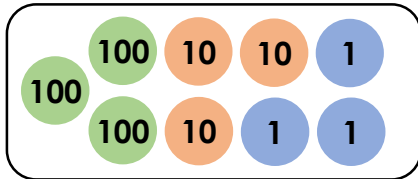
A.

418		
96	?	

B.

809		
?	73	

1.



2.

three hundred and twenty-two

3.

736



VF
HW/Ext

8. Which calculation is the odd one out?

A.

	4	1	3
-		2	8

B.



C.

	4	1	2
-		2	7

D.

463		
78	?	

E.

433		
52	?	



VF
HW/Ext

9. There are 516 animals on a farm. 38 are horses, 89 are pigs and the rest are turkeys.



How many turkeys are there? Complete the bar model to prove it.



RPS
HW/Ext

Homework/Extension

Subtract a 2-Digit Number from a 3-Digit Number

Developing

1. $A = 2$, $B = 3$
2. D is the odd one out because the answer is 312 whereas the answer to A, B and C is 311.
3. There are 317 chickens. This is because the total number of animals subtract the number of cows equals 317. This can be proved by adding the number of chickens and cows together, e.g. $317 + 47 = 364$.

Expected

4. $A = 3$, $B = 1$
5. D is the odd one out because the answer is 608 whereas the answer to A, B, C and E is 609.
6. There are 505 sheep. This is because the total number of animals subtract the number of goats equals 505. This can be proved by adding the number of goats and sheep together, e.g. $505 + 98 = 603$.

Greater Depth

7. $A = 2$, $B = 3$
8. E is the odd one out because the answer is 381 whereas the answer to A, B, C and D is 385.
9. There are 389 turkeys. This is because the total number of animals subtract the number of horses and pigs equals 389. This can be proved by adding the number of horses, pigs and turkeys together, e.g. $89 + 38 + 389 = 516$.