Homework/Extension
Step 4: 100s, 10s, 1s 2

National Curriculum Objectives:

Mathematics Year 3: (3N2a) Read and write numbers up to 1000 in numerals and in words
Mathematics Year 3: (3N3) Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
Mathematics Year 3: (3N6) Solve number problems and practical problems involving 3N1 - 3N4

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)
Developing Write the 3-digit number for each set of place value counters using knowledge of place value, without the use of zero as a place holder.
Expected Write the 3-digit number for each set of place value counters using knowledge of place value, with some use of zero as a place holder.
Greater Write the 3-digit number for each set of place value counters using knowledge of place value, with some use of zero as a place holder and unconventional partitioning.

Questions 2, 5 and 8 (Varied Fluency)
Developing Match two flash cards to place value charts using knowledge of place value, without the use of zero as a place holder.
Expected Match three flash cards to place value charts using knowledge of place value, with some use of zero as a place holder.
Greater Depth Match three flash cards to place value charts using knowledge of place value, with some use of zero as a place holder and unconventional partitioning.

Questions 3, 6 and 9 (Reasoning and Problem Solving)
Developing Explain whether the statement is correct using knowledge of place value, without the use of zero as a place holder.
Expected Explain whether the statement is correct using knowledge of place value, with some use of zero as a place holder.
Greater Depth Explain whether the statement is correct using knowledge of place value, with some use of zero as a place holder and unconventional partitioning.

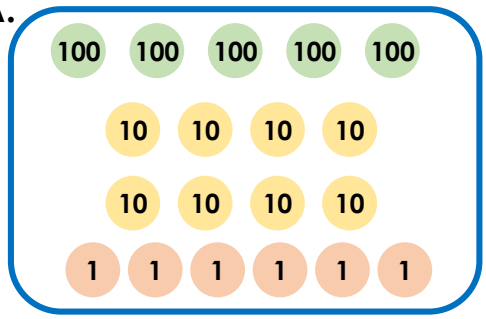
More Year 3 Place Value resources.

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

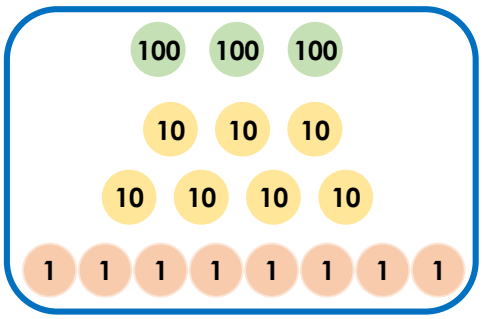
100s, 10s, 1s 2

1. Write the 3-digit numbers shown by the place value counters.

A.



B.



D

VF
HW/Ext

2. Match the flash cards to the value shown on the place value chart.

A.

100s	10s	1s
100 100 100 100	10 10	1 1 1

B.

100s	10s	1s
100 100 100	10 10 10 10 10 10	1 1 1 1 1

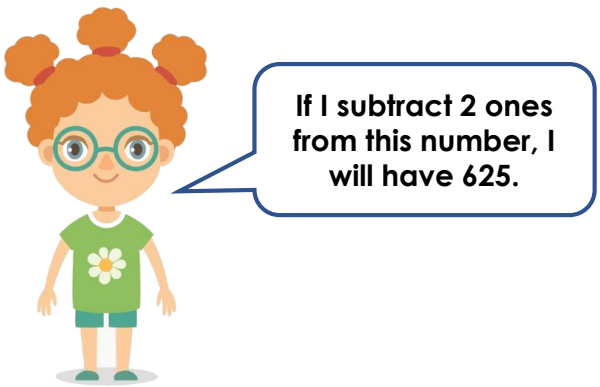
365

423

D

VF
HW/Ext

3. Fiona is thinking about place value.



Hundreds	Tens	Ones
100 100 100 100 100 100 100 100	10 10	1 1 1 1 1

Is she correct? Explain your answer.

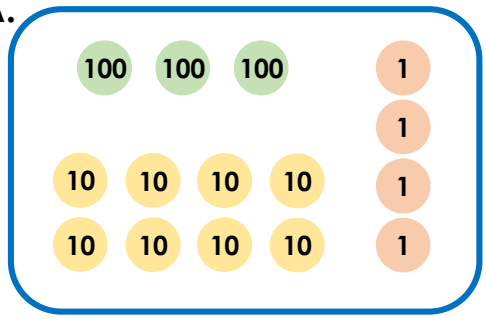
D

RPS
HW/Ext

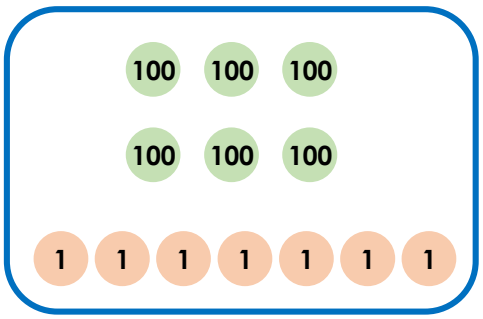
100s, 10s, 1s 2

4. Write the 3-digit numbers shown by the place value counters.

A.



B.



VF
HW/Ext

5. Match the flash cards to the value shown on the place value chart.

A.

100s	10s	1s
100 100 100 100 100 100	10 10 10 10 10 10	1 1

B.

100s	10s	1s
100 100 100 100 100		1 1 1 1 1 1

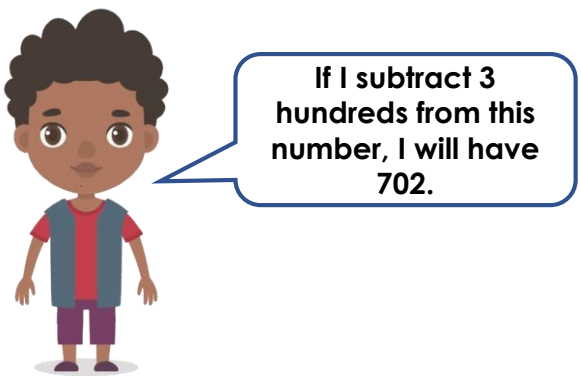
C.

100s	10s	1s
100 100 100 100 100 100	10 10 10 10 10	

662 650 506

VF
HW/Ext

6. Tom is thinking about place value.



Hundreds	Tens	Ones
100 100 100 100 100 100 100		1 1 1 1 1

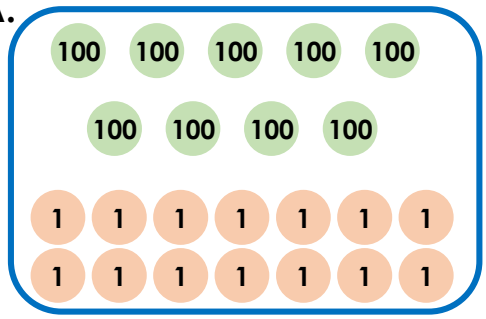
Is he correct? Explain your answer.

RPS
HW/Ext

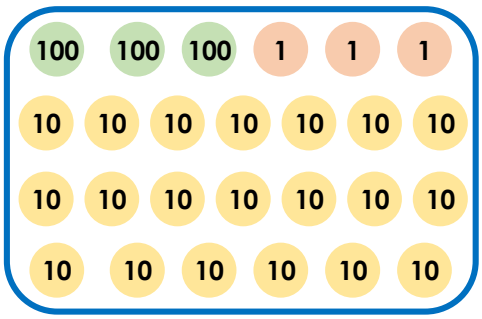
100s, 10s, 1s 2

7. Write the 3-digit numbers shown by the place value counters.

A.



B.



GD

VF
HW/Ext

8. Match the flash cards to the value shown on the place value chart.

A.

100s	10s	1s
100 100 100 100 100 100	10	1 1 1 1 1 1 1 1 1 1 1 1

B.

100s	10s	1s
100 100 100 100 100 100		1 1

C.

100s	10s	1s
100 100 100 100 100 100		1 1 1 1 1 1 1 1 1 1 1 1

602

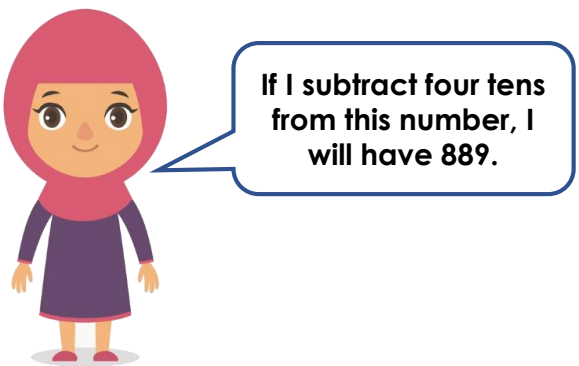
612

621

GD

VF
HW/Ext

9. Imra is thinking about place value.



Hundreds	Tens	Ones
100 100 100 100 100 100 100	10 10 10 10 10 10 10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1 1 1

Is she correct? Explain your answer.

GD

RPS
HW/Ext

Homework/Extension
100s, 10s, 1s 2

Developing

1. A – 586; B – 378
2. A – 423; B – 365
3. Fiona is incorrect. The number on the place value chart shows 825 so if Fiona subtracts 2 ones from this, she will have 823, not 625. Fiona has subtracted 2 hundreds, not 2 ones.

Expected

4. A – 384; B – 607
5. A – 662; B – 506; C – 650
6. Tom is incorrect. The number on the place value chart shows 705 so if Tom subtracts 3 hundreds from this, he will have 405, not 702. Tom has subtracted 3 ones, not 3 hundreds.

Greater Depth

7. A – 914; B – 503
8. A – 621; B – 602; C – 612
9. Imra is incorrect. The number on the place value chart shows 849 so if Imra subtracts four tens from this, she will have 809, not 889. Imra has added four tens, not subtracted four tens.