Varied Fluency
Step 3: 100s, 10s 1s 1

National Curriculum Objectives:

Mathematics Year 3: (3N2a) Read and write numbers up to 1000 in numerals and in words
Mathematics Year 3: (3N6) Solve number problems and practical problems involving 3N1 - 3N4

Differentiation:

Developing Questions to support reading and recording 3-digit numbers in numerals only with no use of zero as a place holder, using a place value chart. Includes pictorial support.
Expected Questions to support reading and recording 3-digit numbers in numerals and some words, using a place value chart. Includes some pictorial support and some numbers including zero as a place holder.
Greater Depth Questions to support reading and recording 3-digit numbers in numerals and words, using a place value chart. Includes a mixture of numerals, words and pictorials within a representation, and numbers including zero as a place holder. Some use of unconventional partitioning.

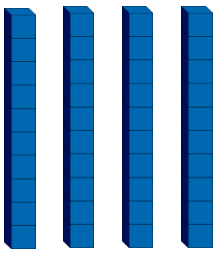
More Year 3 Place Value resources.

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

© Classroom Secrets Limited 2018

100s, 10s 1s 1

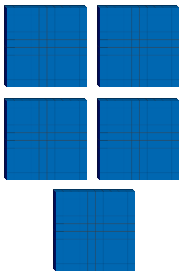
1a. The number shown is 251.

Hundreds	Tens	Ones
		

True or false?

D VF

1b. The number shown is 513.

Hundreds	Tens	Ones
		

True or false?

D VF

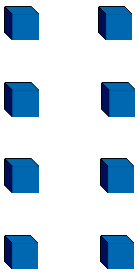
2a. Partition the number into hundreds, tens and ones.

D VF

2b. Partition the number into hundreds, tens and ones.

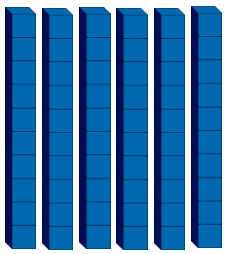
D VF

3a. The place value chart needs to show the number 348. How many tens are missing?

Hundreds	Tens	Ones
		

D VF

3b. The place value chart needs to show the number 567. How many hundreds are missing?

Hundreds	Tens	Ones
		

D VF

4a. What is the value of the underlined digit?

4<u>1</u>2

D VF

4b. What is the value of the underlined digit?

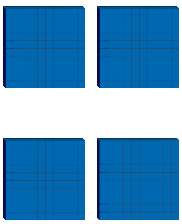
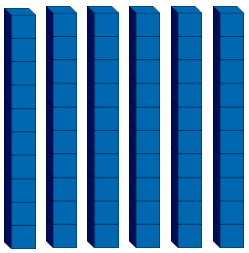
74<u>9</u>

D VF

© Classroom Secrets Limited 2018

100s, 10s 1s 1

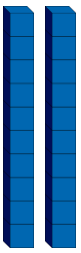
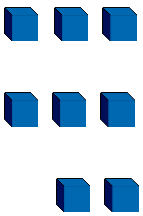
5a. The number shown is 426.

Hundreds	Tens	Ones
		

True or false?

VF

5b. The number shown is 229.

Hundreds	Tens	Ones
		

True or false?

VF

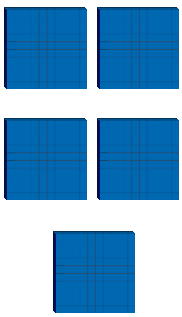
6a. Partition the number into hundreds, tens and ones.

VF

6b. Partition the number into hundreds, tens and ones.

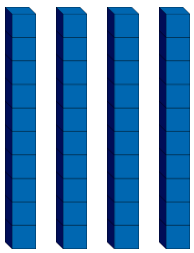
VF

7a. The place value chart needs to show the number 573. How many tens are missing?

Hundreds	Tens	Ones
		

VF

7b. The place value chart needs to show the number three hundred and forty one. How many hundreds are missing?

Hundreds	Tens	Ones
		

VF

8a. What is the value of the underlined digit?

8<u>6</u>9

VF

8b. What is the value of the underlined digit?

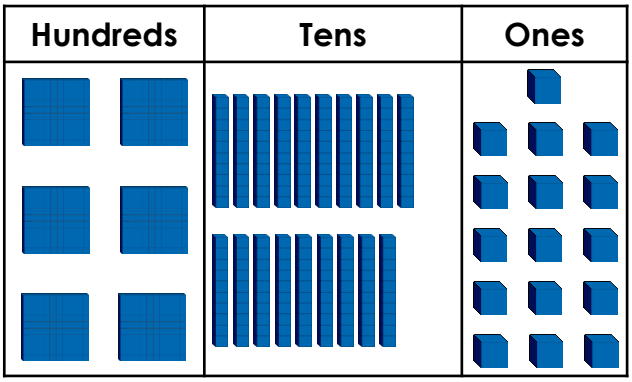
<u>2</u>07

VF

© Classroom Secrets Limited 2018

100s, 10s 1s 1

9a. The number shown is eight hundred and six.

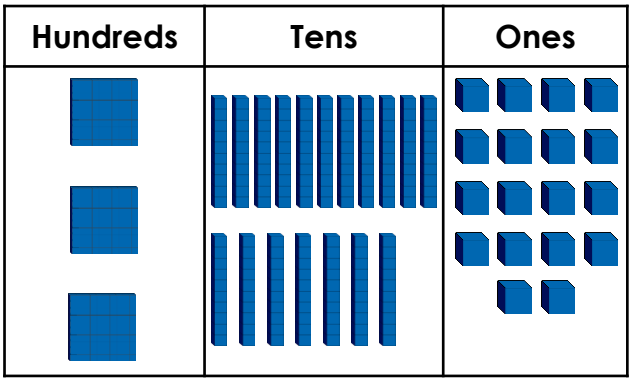


True or false?

GD

VF

9b. The number shown is four hundred and ninety-nine.



True or false?

GD

VF

10a. Partition these numbers into hundreds, tens and ones.

5	7	8
2	9	0

GD

VF

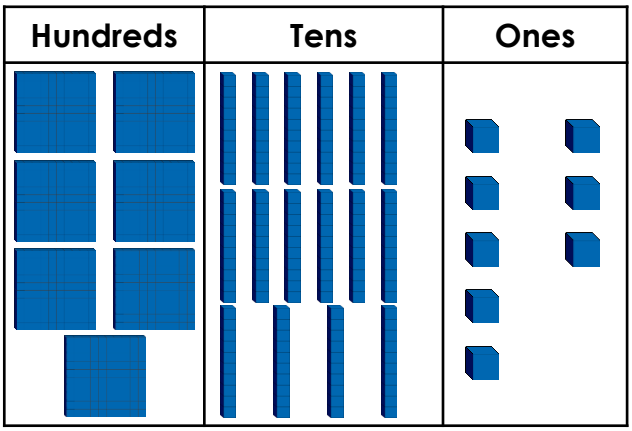
10b. Partition the number into hundreds, tens and ones.

3	0	6
4	8	1

GD

VF

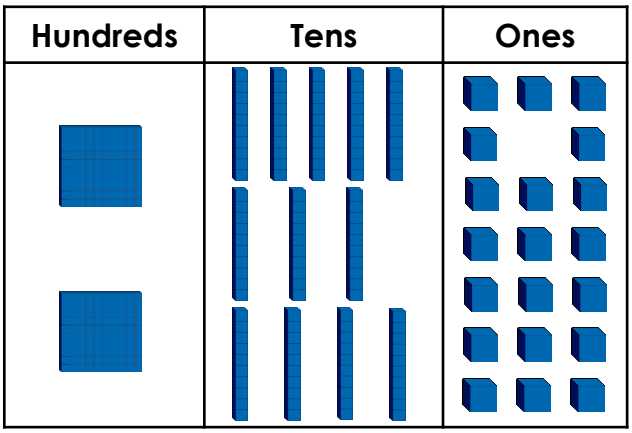
11a. The place value chart needs to show the number nine hundred and twenty eight. How many tens are missing?



GD

VF

11b. The place value chart needs to show the number three hundred and forty. How many hundreds are missing?



GD

VF

12a. What is the combined value of the underlined digits?

9<u>4</u>2 **<u>8</u>05**

GD

VF

12b. What is the combined value of the underlined digits?

<u>1</u>06 **57<u>3</u>**

GD

VF

© Classroom Secrets Limited 2018

Varied Fluency
100s, 10s 1s 1

Developing
1a. False, the place value chart shows 241.
2a. 100, 30 and 7
3a. Four
4a. 400 or four hundred

Expected
5a. False, the place value chart shows 462.
6a. 400, 0, 8
7a. Seven
8a. 60 or sixty

Greater Depth
9a. True
10a. 578 = five hundreds, seven tens and eight ones and 290 = two hundreds, nine tens and zero ones
11a. Six tens are missing.
12a. 40 + 800 = 840

Varied Fluency
100s, 10s 1s 1

Developing
1b. True
2b. 600, 90 and 4
3b. Five
4b. nine or 9

Expected
5b. False, the place value chart shows 228.
6b. 500, 10, 3
7b. Three
8b. 200 or two hundred

Greater Depth
9b. False, the place value chart shows 498.
10b. 306 = three hundreds, zero tens and six ones and 481 = four hundreds, eight tens and one one
11b. No hundreds are missing.
12b. 100 + 3 = 103

© Classroom Secrets Limited 2018