

# Varied Fluency

## Step 5: Place Value Charts

### National Curriculum Objectives:

Mathematics Year 2: (2N2a) [Read and write numbers to at least 100 in numerals and words](#)

Mathematics Year 2: (2N3) [Recognise the place value of each digit in a two-digit number \(tens and ones\)](#)

Mathematics Year 2: (2N4) [Identify, represent and estimate numbers using different representations, including the number line](#)

### Differentiation:

**Developing** Questions to support representing 2-digit numbers to 99 on a place value chart. Using pictorial support.

**Expected** Questions to support representing 2-digit numbers up to 99 on a place value chart. Using limited pictorial representations and numbers.

**Greater Depth** Questions to support representing 2-digit numbers up to 99 on a place value chart. Using numbers, words and some examples of unconventional partitioning.

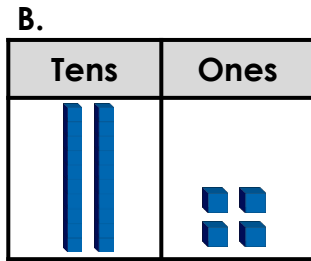
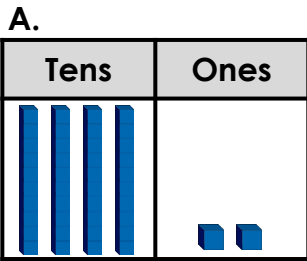
More [Year 2 Place Value](#) resources

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

# Place Value Charts

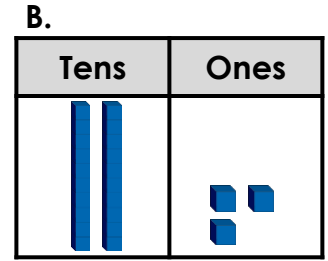
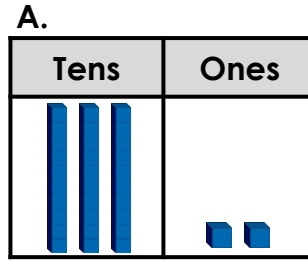
# Place Value Charts

1a. Which place value chart represents 4 tens and 2 ones?



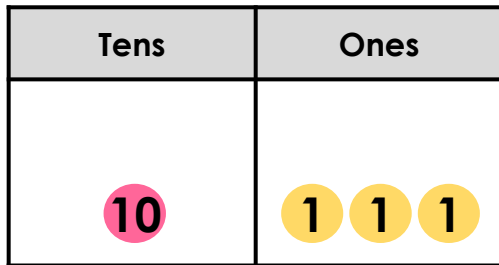
VF

1b. Which place value chart represents 2 tens and 3 ones?



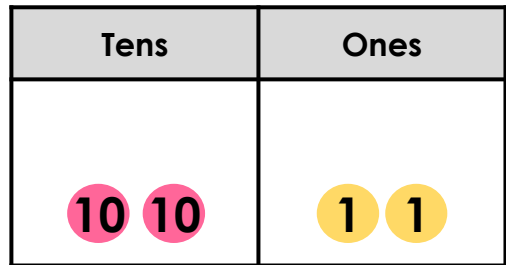
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2a. I want to show 43. Draw the missing tens.



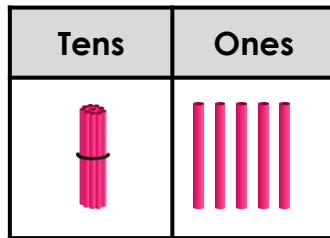
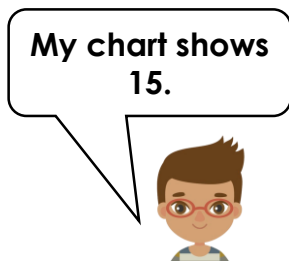
VF

2b. I want to show 26. Draw the missing ones.



VF

3a. Steve is representing a number on a place value chart.

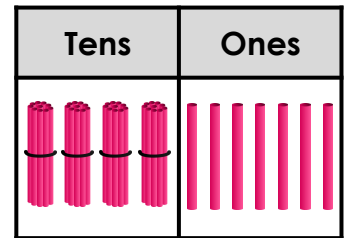
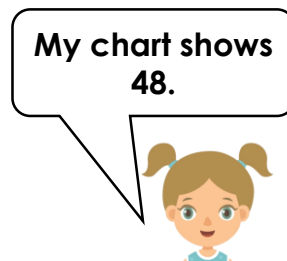


Is he correct?



VF

3b. Lauren is representing a number on a place value chart.

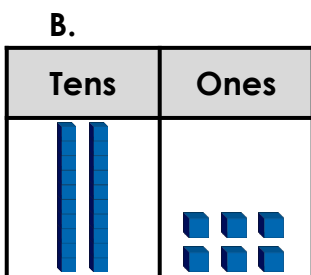
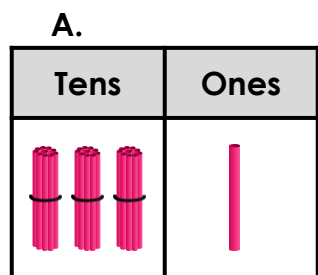


Is she correct?



VF

4a. Match the numbers to the correct place value chart.



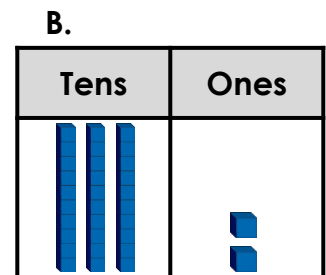
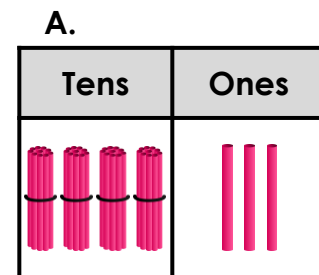
26

31

21

VF

4b. Match the numbers to the correct place value chart.



32

43

48

VF

# Place Value Charts

# Place Value Charts

5a. Which place value chart represents 3 tens and 7 ones?

A.

Tens	Ones
	7

B.

Tens	Ones
7	



VF

5b. Which place value chart represents 6 tens and 2 ones?

A.

Tens	Ones
2	

B.

Tens	Ones
	2



VF

6a. I want to show 53. How many more tens do I need?

Tens	Ones
3	3



VF

6b. I want to show 84. How many more ones do I need?

Tens	Ones
8	1



VF

7a. Ted is representing a number on a place value chart.

My chart shows 27.

Tens	Ones
7	2

Is he correct?



VF

7b. Hayley is representing a number on a place value chart.

My chart shows 3.

Tens	Ones
3	0

Is she correct?



VF

8a. Match the numbers to the correct place value chart.

A.

Tens	Ones

B.

Tens	Ones
6	8



23

65

68

VF

8b. Match the numbers to the correct place value chart.

A.

Tens	Ones
5	9

B.

Tens	Ones



39

59

29

VF

## Place Value Charts

## Place Value Charts

9a. Which place value chart represents nine tens and six ones?

A.

Tens	Ones
9	six

B.

Tens	Ones
six	9



VF

9b. Which place value chart represents seven tens and five ones?

A.

Tens	Ones
five	7

B.

Tens	Ones
7	five



VF

10a. I want to show 65. How many more tens do I need?

Tens	Ones
three	5



VF

10b. I want to show 59. How many more ones do I need?

Tens	Ones
5	two



VF

11a. Max is representing a number on a place value chart.

My chart shows 43.



Tens	Ones
3	23

Is he correct?



VF

11b. Yas is representing a number on a place value chart.

My chart shows 25.



Tens	Ones
1	15

Is she correct?



VF

12a. Match the numbers to the correct place value chart.

A.

Tens	Ones
3	eleven

B.

Tens	Ones
three	one



31

41

21

VF

12b. Match the numbers to the correct place value chart.

A.

Tens	Ones
6	seven

B.

Tens	Ones
six	17



67

60

77

VF

## Varied Fluency Place Value Charts

### Developing

- 1a. **A**
- 2a. **3 tens**
- 3a. **Steve is correct.**
- 4a. **A: 31, B: 26**

### Expected

- 5a. **A**
- 6a. **2 tens**
- 7a. **Ted is incorrect. It shows 72.**
- 8a. **A: 23, B: 68**

### Greater Depth

- 9a. **A**
- 10a. **3 tens**
- 11a. **Max is incorrect. It shows 53.**
- 12a. **A: 41, B: 31**

## Varied Fluency Place Value Charts

### Developing

- 1b. **B**
- 2b. **4 ones**
- 3b. **Lauren is incorrect. It shows 47.**
- 4b. **A: 43, B: 32**

### Expected

- 5b. **B**
- 6b. **3 ones**
- 7b. **Hayley is incorrect. It shows 30.**
- 8b. **A: 59, B: 39**

### Greater Depth

- 9b. **B**
- 10b. **7 ones**
- 11b. **Yas is correct.**
- 12b. **A: 67, B: 77**