

Varied Fluency

Step 3: Tens and Ones 1

National Curriculum Objectives:

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

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

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

Mathematics Year 2: (2N6) [Use place value and number facts to solve problems](#)

Differentiation:

Developing Questions to support partitioning 2-digit numbers up to 99 using pictorial support. Numbers are mainly shown using pictorial representations.

Expected Questions to support partitioning 2-digit numbers up to 99 using a variety of pictorial support. Numbers given in numerals only.

Greater Depth Questions to support partitioning 2-digit numbers up to 99 using mixed pictorials. Numbers are given in numerals and words.

More [Year 2 Place Value](#) resources.

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

Tens and Ones 1

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1a. Use the number cards to complete the part whole models.

A

B

17 64

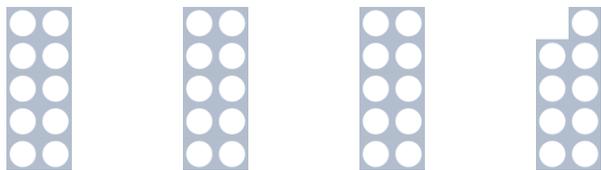
1b. Use the number cards to complete the part whole models.

A

B

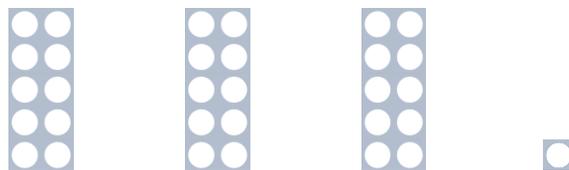
56 19

2a. True or false? 38 can be partitioned into 3 tens and 9 ones.



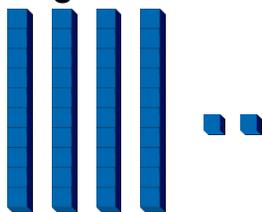
VF

2b. True or false? 41 can be partitioned into 3 tens and 1 one.



VF

3a. Use the tens and ones to complete the partitioning of 42.



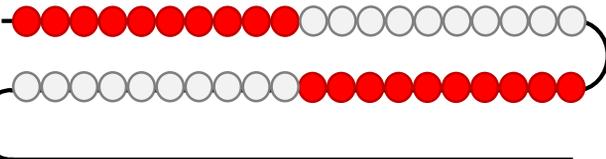

VF

3b. Use the tens and ones to complete the partitioning of 36.



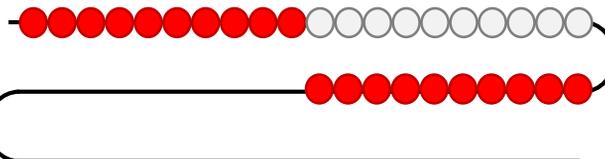

VF

4a. Complete the bead string to make the number 54.



VF

4b. Complete the bead string to make the number 48.

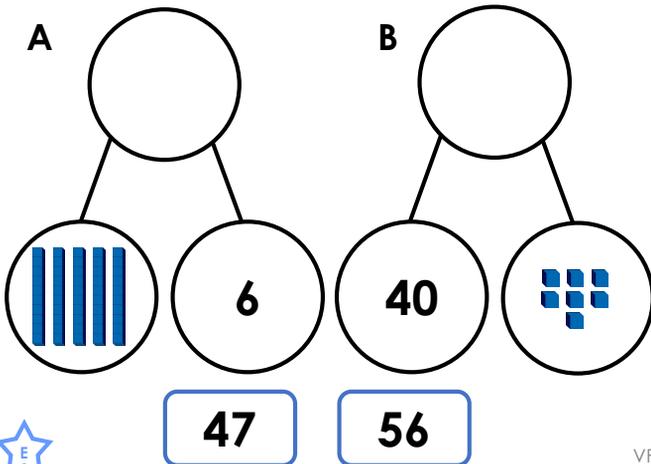


VF

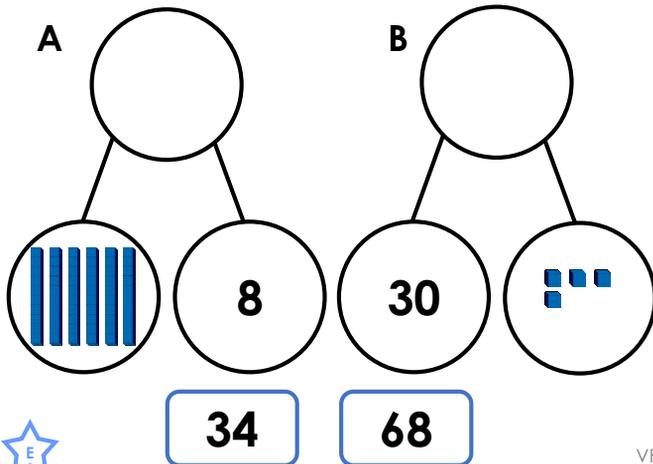
Tens and Ones 1

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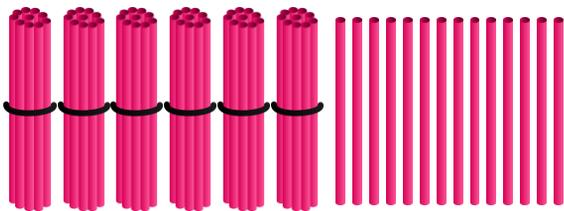
5a. Use the number cards to complete the part whole models.



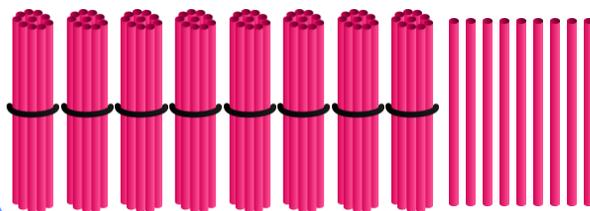
5b. Use the number cards to complete the part whole models.



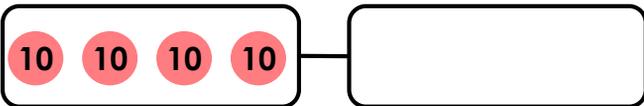
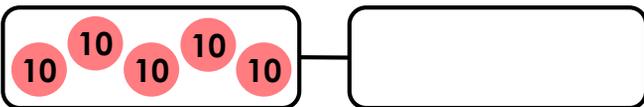
6a. True or false? 74 can be partitioned into 6 tens and 14 ones.



6b. True or false? 91 can be partitioned into 8 tens and 9 ones.



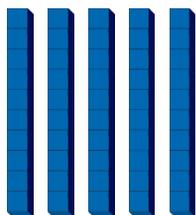
7a. Use the place value counters to complete the partitioning of 53:



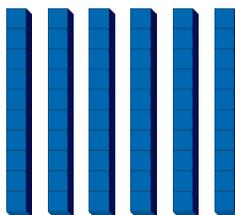
7b. Use the place value counters to complete the partitioning of 44:



8a. Draw the ones needed to make 65.



8b. Draw the ones needed to make 78.



Tens and Ones 1

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9a. Use the number cards to complete the part whole models.

A

B

Sixty-one

59

9b. Use the number cards to complete the part whole models.

A

B

34

Twenty-three

10a. True or false? 82 can be partitioned into seven tens and thirteen ones.

GD

VF

10b. True or false? 75 can be partitioned into 8 tens and 5 ones.

GD

VF

11a. Use the place value counters to complete the partitioning of fifty-two:

10 10 10 10 10 1 1

11b. Use the place value counters to complete the partitioning of eighty-one:

10 10 10 10 10 10 10 10 10 1

12a. Draw the ones needed to make ninety-nine.

GD

VF

12b. Draw the ones needed to make forty-seven.

GD

VF

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Developing

- 1a. A – 64; B – 17
- 2a. false; 3 tens and 8 ones
- 3a. 1 ten and 2 ones; 3 tens and 2 ones
- 4a. 14 beads should be added.

Expected

- 5a. A – 56; B – 47
- 6a. true
- 7a. 3 ones; 3 tens; 1 ten and 3 ones
- 8a. 15 ones should be drawn.

Greater Depth

- 9a. A – sixty-one; B – 59
- 10a. false; 7 tens and 12 ones
- 11a. 1 ten and 2 ones; 3 tens and 1 one; 3 tens and 2 ones
- 12a. 18 ones should be drawn.

Varied Fluency Tens and Ones 1

Developing

- 1b. A – 19; B – 56
- 2b. false; 4 tens and 1 one
- 3b. 2 tens and 6 ones; 1 ten and 6 ones
- 4b. 18 beads should be added.

Expected

- 5b. A – 68; B – 34
- 6b. false; 8 tens and 11 ones
- 7b. 4 ones; 3 tens; 2 tens and 4 ones
- 8b. 18 ones should be drawn.

Greater Depth

- 9b. A – twenty-three; B – 34
- 10b. false; 7 tens and 5 ones
- 11b. 4 tens and 1 one; 7 tens; 6 tens and 1 one
- 12b. 25 ones should be drawn.