Varied Fluency
Step 3: Tens and Ones 2

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:

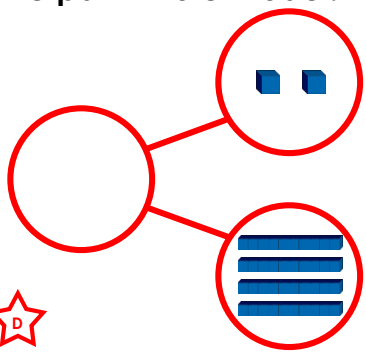
Developing Questions to support partitioning 2-digit numbers up to 99 using the addition symbol. Numbers are mainly shown using pictorial representations.
Expected Questions to support partitioning 2-digit numbers up to 99 using the addition symbol, with a variety of pictorial representations. Numbers given in numerals only.
Greater Depth Questions to support partitioning 2-digit numbers up to 99 using the addition symbol, mixed pictorials. Numbers are given in numerals and words.

More Year 2 and Year 3 Place Value resources.

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

Tens and Ones 2

1a. Circle the number sentence shown by the part whole model.



2 + 40

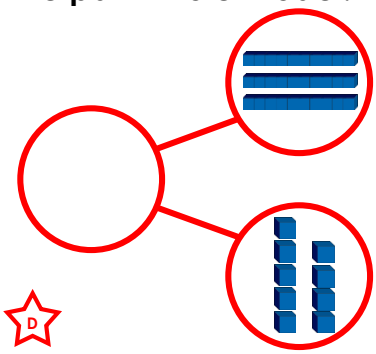
40 + 20

D

2 VF

Tens and Ones 2

1b. Circle the number sentence shown by the part whole model.



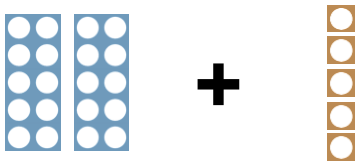
3 + 9

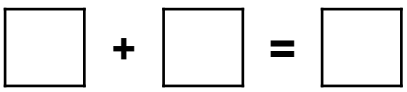
30 + 9

D

2 VF

2a. Complete the number sentence for this representation.

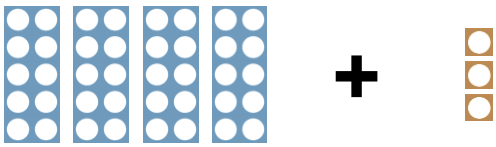


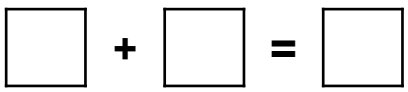


D

2 VF

2b. Complete the number sentence for this representation.

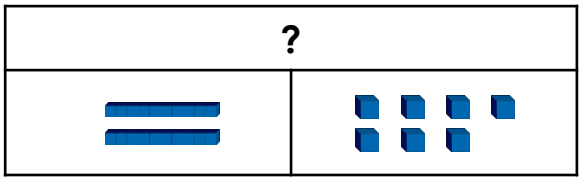




D

2 VF

3a. Complete the missing numbers to make this number sentence correct.

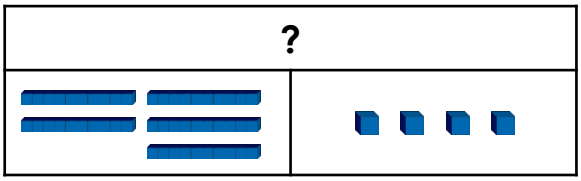


20 + ☐ = ☐

D

2 VF

3b. Complete the missing numbers to make this number sentence correct.

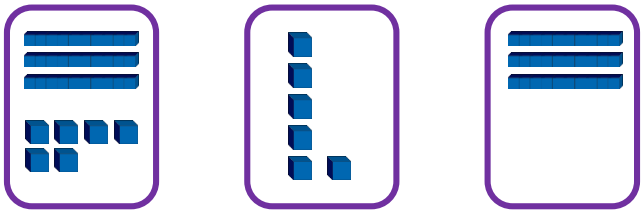


50 + ☐ = ☐

D

2 VF

4a. Use these number cards to write 2 addition number sentences.



____ + ____ = ____

____ + ____ = ____

D

2 VF

4b. Use these number cards to write 2 addition number sentences.

____ + ____ = ____

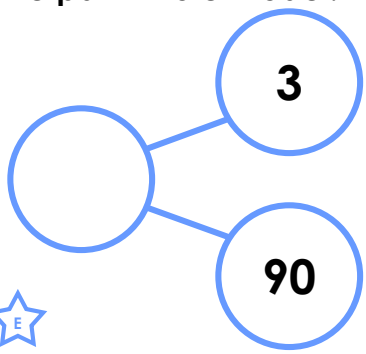
____ + ____ = ____

D

2 VF

Tens and Ones 2

5a. Circle the number sentence shown by the part whole model.



30 + 9

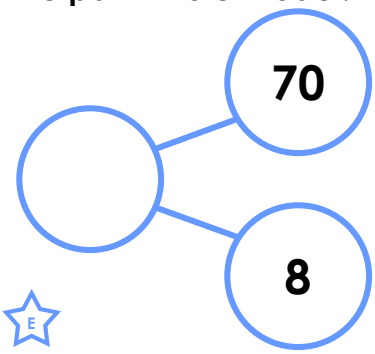
90 + 30

90 + 3

2 VF

Tens and Ones 2

5b. Circle the number sentence shown by the part whole model.



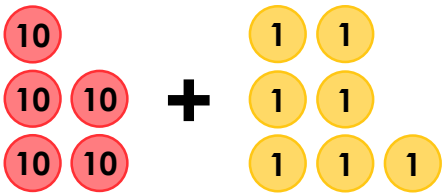
7 + 80

70 + 8

70 + 7

2 VF

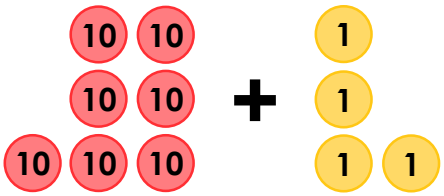
6a. Complete the number sentence for this representation.



□ + □ = □

2 VF

6b. Complete the number sentence for this representation.



□ + □ = □

2 VF

7a. Complete the missing numbers to make this number sentence correct.

?	
40	8

40 + □ = □

2 VF

7b. Complete the missing numbers to make this number sentence correct.

?	
60	3

3 + □ = □

2 VF

8a. Use these number cards to write 4 addition number sentences.

62 10 52

___ + ___ = ___

___ + ___ = ___

___ = ___ + ___

___ = ___ + ___

2 VF

8b. Use these number cards to write 4 addition number sentences.

30 74 44

___ + ___ = ___

___ + ___ = ___

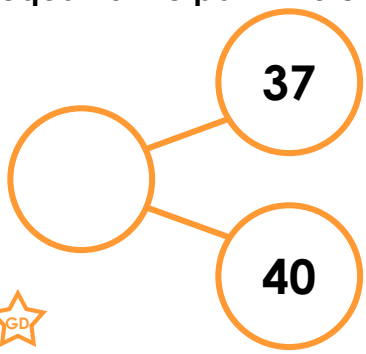
___ = ___ + ___

___ = ___ + ___

2 VF

Tens and Ones 2

9a. Circle the number sentence that's equal to the part whole model.



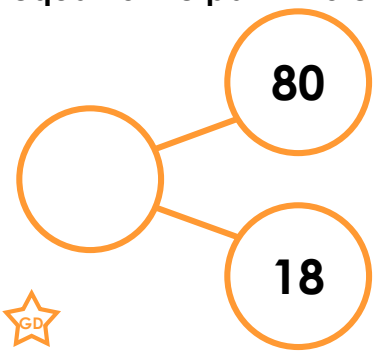
60 + 17

30 + 7

40 + 47

GD 2 VF

9b. Circle the number sentence that's equal to the part whole model.



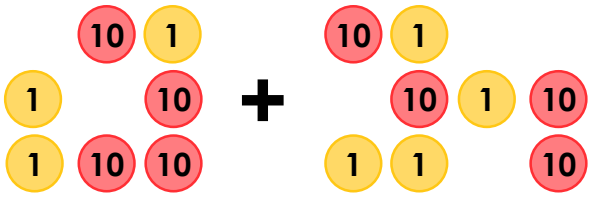
48 + 40

50 + 38

90 + 8

GD 2 VF

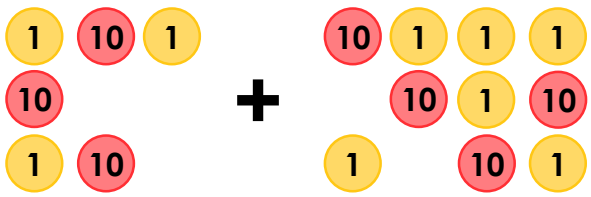
10a. Complete the number sentence for this representation.



□ + □ = □

GD 2 VF

10b. Complete the number sentence for this representation.



□ + □ = □

GD 2 VF

11a. Complete the missing numbers to make this number sentence correct.

?		
31	5	50

□ + 31 + □ = □

GD 2 VF

11b. Complete the missing numbers to make this number sentence correct.

?		
35	2	20

□ + □ + 20 = □

GD 2 VF

12a. Use these number cards to write 4 addition number sentences.

sixty-three | thirty | ninety-three

____ + ____ = ____

____ + ____ = ____

____ = ____ + ____

____ = ____ + ____

GD 2 VF

12b. Use these number cards to write 4 addition number sentences.

twenty-seven | seventy-eight | fifty-one

____ + ____ = ____

____ + ____ = ____

____ = ____ + ____

____ = ____ + ____

GD 2 VF

Varied Fluency
Tens and Ones 2

Developing

1a. 2 + 40
2a. 20 + 5 = 25
3a. 20 + 7 = 27
4a. 30 + 6 = 36; 6 + 30 = 36

Expected

5a. 90 + 3
6a. 50 + 7 = 57
7a. 40 + 8 = 48
8a. 10 + 52 = 62; 52 + 10 = 62; 62 = 52 + 10; 62 = 10 + 52

Greater Depth

9a. 60 + 17
10a. 43 + 44 = 87
11a. 50 + 31 + 5 = 86
12a. thirty + sixty-three = ninety-three; sixty-three + thirty = ninety-three; ninety-three = thirty + sixty-three; ninety-three = sixty-three + thirty

Varied Fluency
Tens and Ones 2

Developing

1b. 30 + 9
2b. 40 + 3 = 43
3b. 50 + 4 = 54
4b. 50 + 9 = 59; 9 + 50 = 59

Expected

5b. 70 + 8
6b. 70 + 4 = 74
7b. 3 + 60 = 63
8b. 30 + 44 = 74; 44 + 30 = 74; 74 = 30 + 44; 74 = 44 + 30

Greater Depth

9b. 90 + 8
10b. 33 + 46 = 79
11b. 2 + 35 + 20 = 57
12b. Fifty-one + twenty-seven = seventy-eight; twenty-seven + fifty-one = seventy-eight; seventy-eight = fifty-one + twenty-seven; seventy-eight = twenty-seven + fifty-one