To know how to partition numbers in different ways
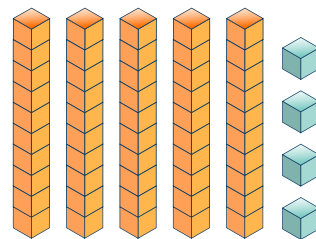
1   Use the Base 10 to create different ways to make 54.
    Find 5 different possibilities.
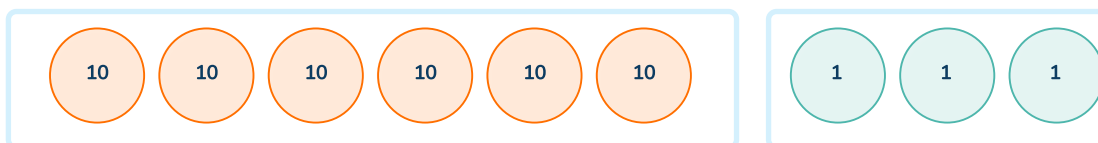
2   Complete the part-whole models.

a   47   47   47

b   62   62   62
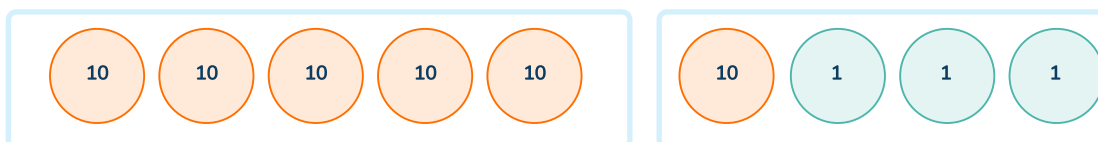
c   58   58   58

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3 The Mathling is using concrete resources to partition numbers.
Is the Mathling correct?
Convince me.

a "This shows 63 can be partitioned into 6 and 3."

| 10 | 10 | 10 | 10 | 10 | 10 | | 1 | 1 | 1 |

b "This shows 63 can be partitioned into 5 tens and 4 ones."

| 10 | 10 | 10 | 10 | 10 | | 10 | 1 | 1 | 1 |

c How many ways can you correctly partition 63?

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Question Number	Question	Answer
1	Use the Base 10 to create different ways to make 54. Find 5 different possibilities.	50 and 4 40 and 14 30 and 24 20 and 34 10 and 44
2	Complete the part-whole models.	a) 40 and 7, 30 and 17, 20 and 27, 10 and 37 b) 60 and 2, 50 and 12, 40 and 22, 30 and 32, 20 and 42, 10 and 52 c) 50 and 8, 40 and 18, 30 and 28, 20 and 38, 10 and 48
3	a and b) The Mathling is using concrete resources to partition numbers. Is the Mathling correct? Convince me. c) How many ways can you correctly partition 63?	a) Incorrect. This shows that 63 can be partitioned into 6 tens and 3 ones or 60 and 3. b) Incorrect. This shows that 63 can be partitioned into 5 tens and 13 ones. c) Answers will vary.