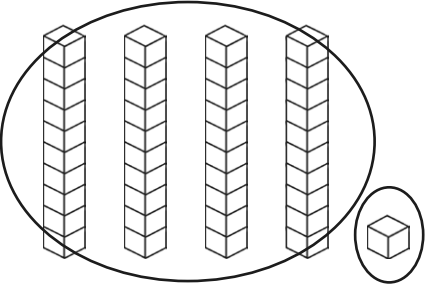
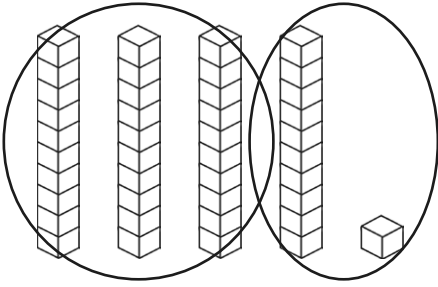
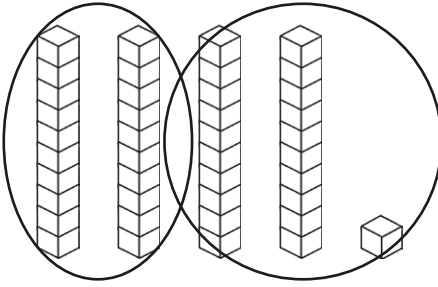


Complex Partitioning

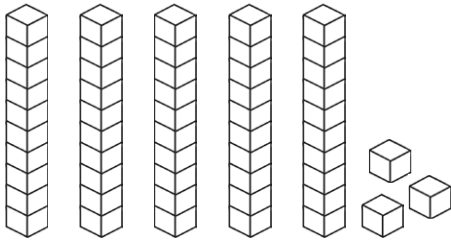
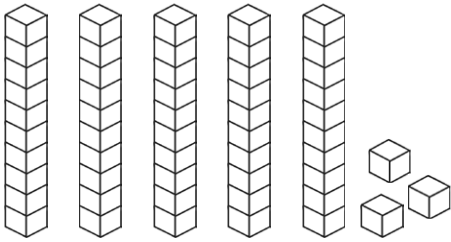
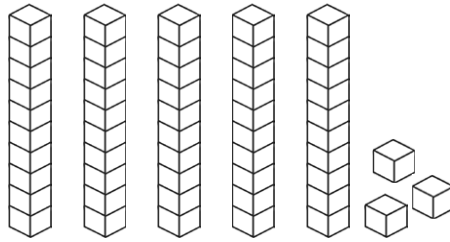
I can partition 2-digit numbers in different ways.

Partition each 2-digit number in 3 different ways. Draw rings around the tens and ones to help.

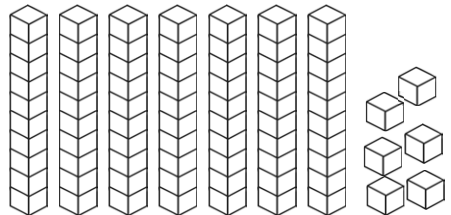
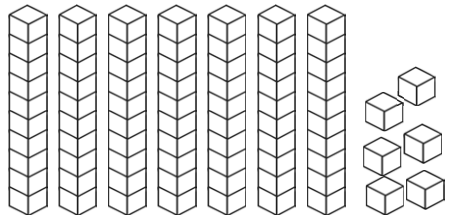
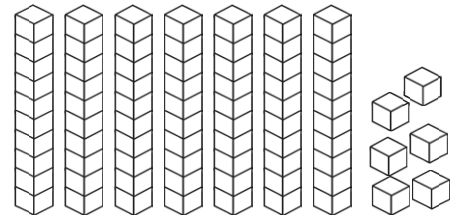
Here is an example:

		
$(41) = (40) + (1)$	$(41) = (30) + (11)$	$(41) = (20) + (21)$

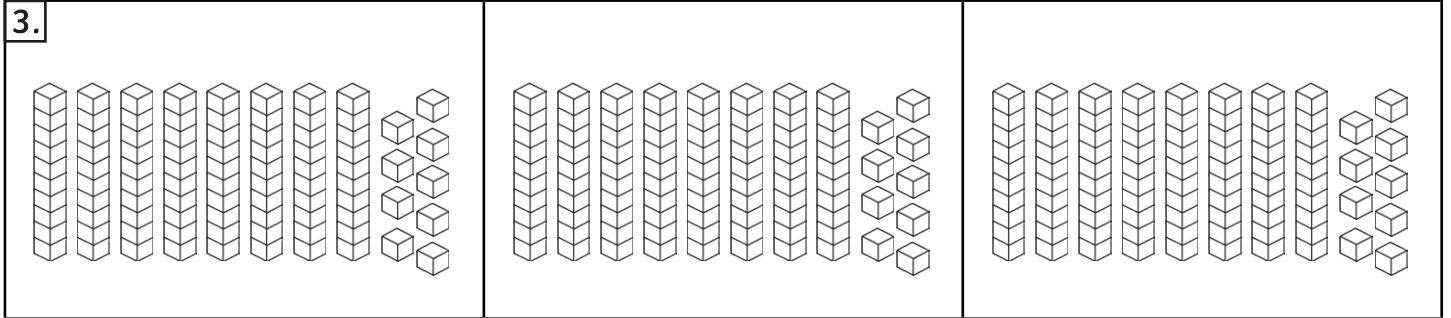
1.

		
$53 =$	$53 =$	$53 =$

2.

		
$76 =$	$76 =$	$76 =$

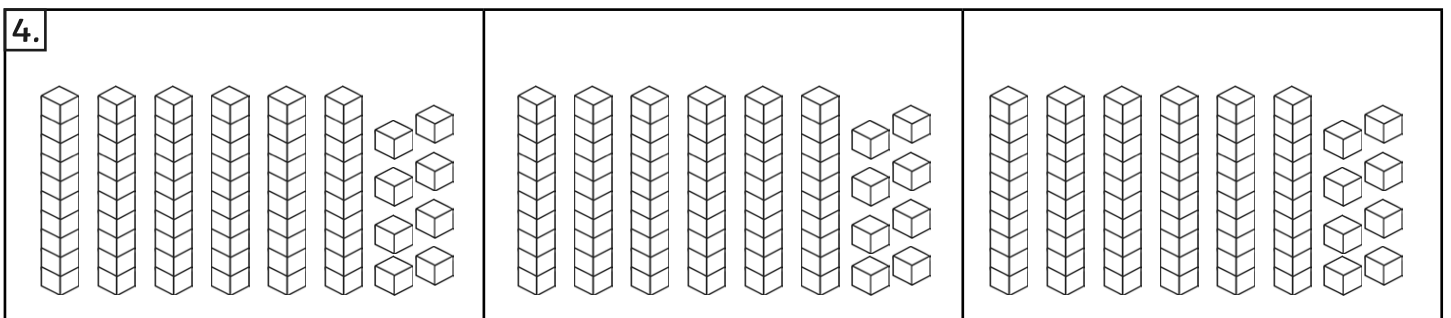
Complex Partitioning



$89 =$

$89 =$

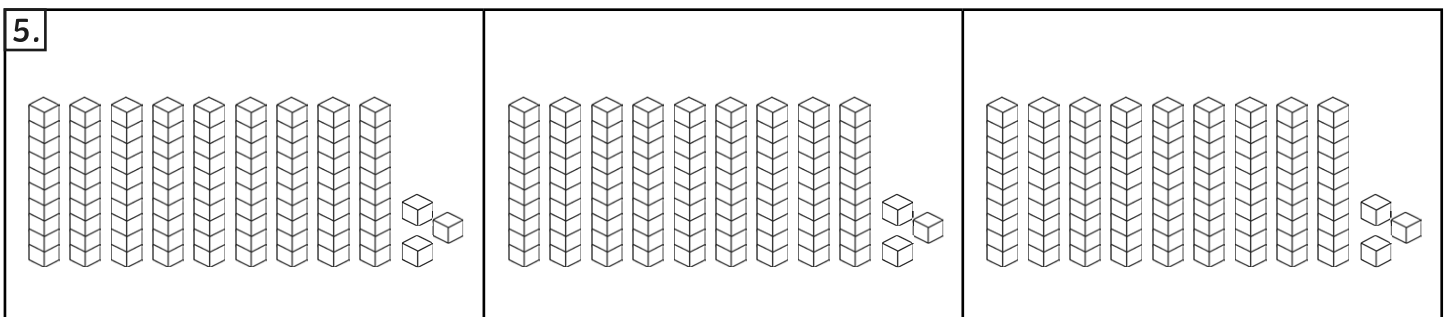
$89 =$



$68 =$

$68 =$

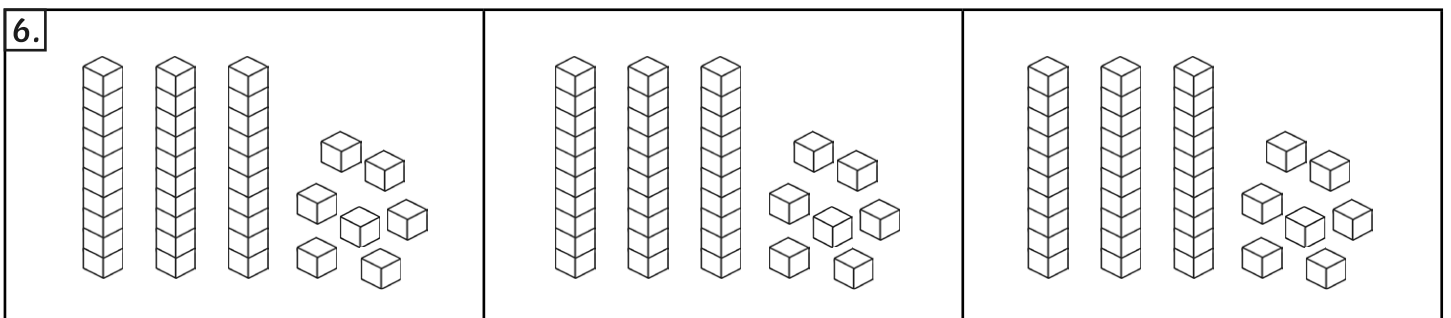
$68 =$



$93 =$

$93 =$

$93 =$



$37 =$

$37 =$

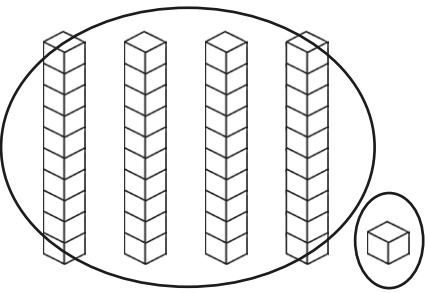
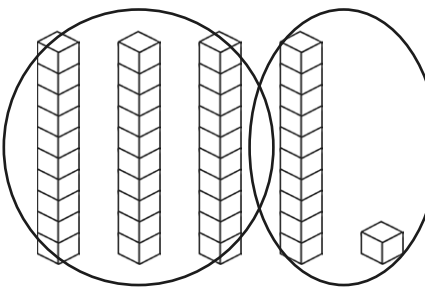
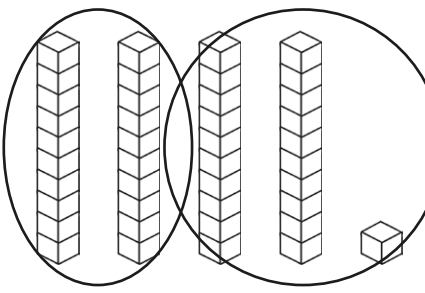
$37 =$

Complex Partitioning

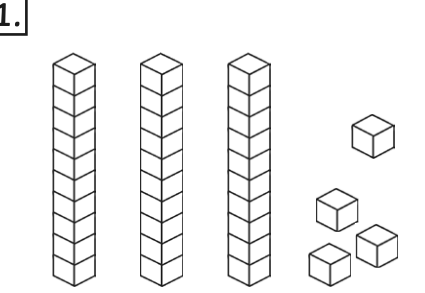
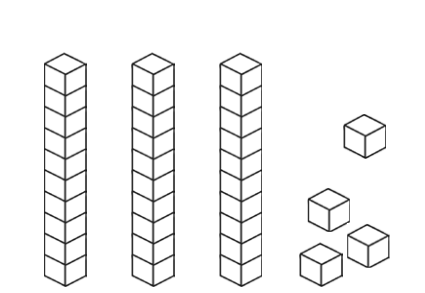
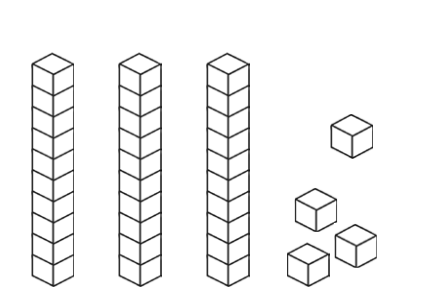
I can partition 2-digit numbers in different ways.

Write the number represented by the drawing and partition each number in 3 different ways. Draw rings around the tens and ones to help.

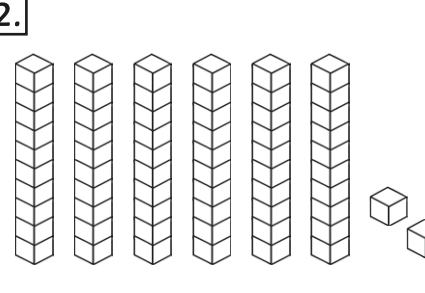
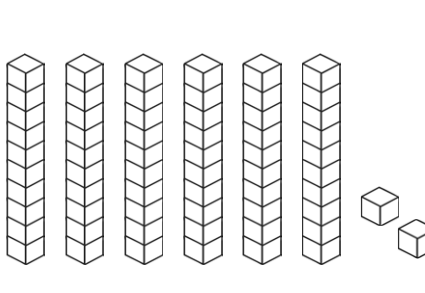
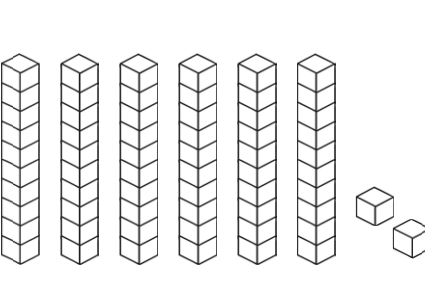
Here is an example:

		
$41 = 40 + 1$	$41 = 30 + 11$	$41 = 20 + 21$

1.

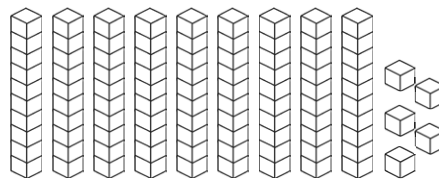
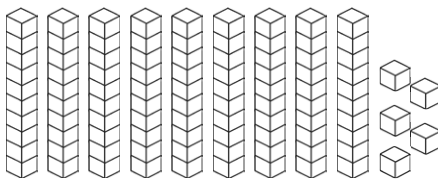
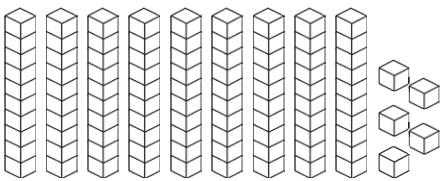
		
=	=	=

2.

		
=	=	=

Complex Partitioning

3.

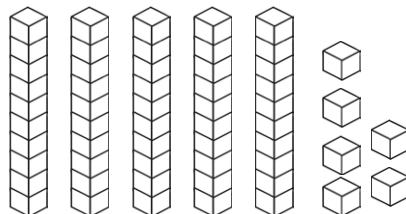
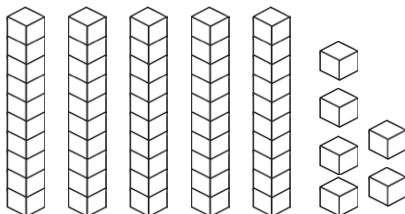
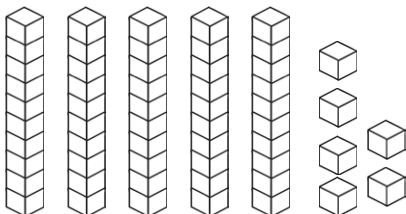


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4.

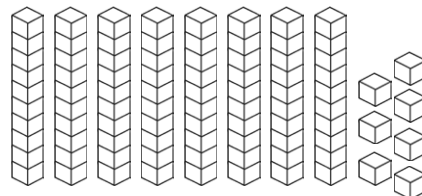
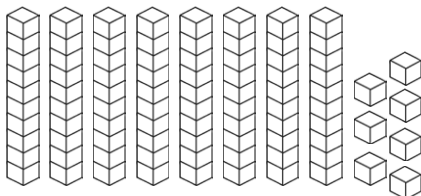
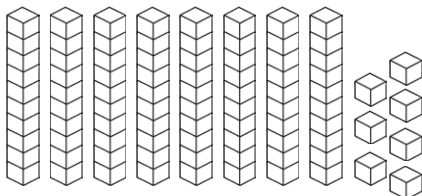


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5.

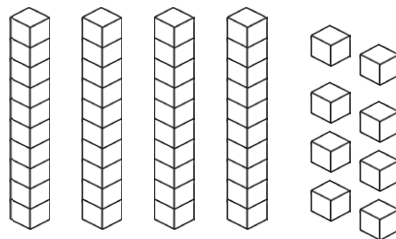
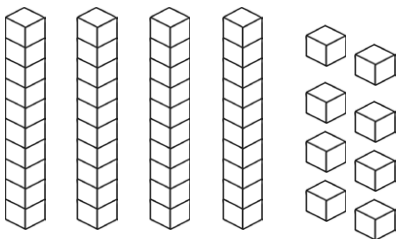
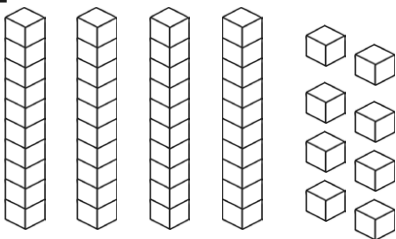


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6.



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Complex Partitioning

I can partition 2-digit numbers in different ways.

Partition each number in 3 different ways.

Here is an example:

$$41 = 40 + 1$$

$$41 = 30 + 11$$

$$41 = 20 + 21$$

5. $82 = \bigcirc + \bigcirc$

$$82 = \bigcirc + \bigcirc$$

$$82 = \bigcirc + \bigcirc$$

1. $64 = \bigcirc + \bigcirc$

$$64 = \bigcirc + \bigcirc$$

$$64 = \bigcirc + \bigcirc$$

6. $67 = \bigcirc + \bigcirc$

$$67 = \bigcirc + \bigcirc$$

$$67 = \bigcirc + \bigcirc$$

2. $31 = \bigcirc + \bigcirc$

$$31 = \bigcirc + \bigcirc$$

$$31 = \bigcirc + \bigcirc$$

7. $53 = \bigcirc + \bigcirc$

$$53 = \bigcirc + \bigcirc$$

$$53 = \bigcirc + \bigcirc$$

3. $97 = \bigcirc + \bigcirc$

$$97 = \bigcirc + \bigcirc$$

$$97 = \bigcirc + \bigcirc$$

8. $66 = \bigcirc + \bigcirc$

$$66 = \bigcirc + \bigcirc$$

$$66 = \bigcirc + \bigcirc$$

4. $35 = \bigcirc + \bigcirc$

$$35 = \bigcirc + \bigcirc$$

$$35 = \bigcirc + \bigcirc$$

9. $74 = \bigcirc + \bigcirc$

$$74 = \bigcirc + \bigcirc$$

$$74 = \bigcirc + \bigcirc$$

Complex Partitioning

I can partition 2-digit numbers in different ways.

Partition each number in 4 different ways.

Here is an example:

$$41 = \underline{40 + 1} \quad 41 = \underline{30 + 11} \quad 41 = \underline{20 + 21} \quad 41 = \underline{10 + 31}$$

$$1. \quad 68 = \underline{\quad + \quad} \quad 68 = \underline{\quad + \quad} \quad 68 = \underline{\quad + \quad} \quad 68 = \underline{\quad + \quad}$$

$$2. \quad 91 = \underline{\quad + \quad} \quad 91 = \underline{\quad + \quad} \quad 91 = \underline{\quad + \quad} \quad 91 = \underline{\quad + \quad}$$

$$3. \quad 47 = \underline{\quad + \quad} \quad 47 = \underline{\quad + \quad} \quad 47 = \underline{\quad + \quad} \quad 47 = \underline{\quad + \quad}$$

$$4. \quad 93 = \underline{\quad + \quad} \quad 93 = \underline{\quad + \quad} \quad 93 = \underline{\quad + \quad} \quad 93 = \underline{\quad + \quad}$$

$$5. \quad 42 = \underline{\quad + \quad} \quad 42 = \underline{\quad + \quad} \quad 42 = \underline{\quad + \quad} \quad 42 = \underline{\quad + \quad}$$

$$6. \quad 79 = \underline{\quad + \quad} \quad 79 = \underline{\quad + \quad} \quad 79 = \underline{\quad + \quad} \quad 79 = \underline{\quad + \quad}$$

$$7. \quad 51 = \underline{\quad + \quad} \quad 51 = \underline{\quad + \quad} \quad 51 = \underline{\quad + \quad} \quad 51 = \underline{\quad + \quad}$$

$$8. \quad 99 = \underline{\quad + \quad} \quad 99 = \underline{\quad + \quad} \quad 99 = \underline{\quad + \quad} \quad 99 = \underline{\quad + \quad}$$

$$9. \quad 78 = \underline{\quad + \quad} \quad 78 = \underline{\quad + \quad} \quad 78 = \underline{\quad + \quad} \quad 78 = \underline{\quad + \quad}$$

$$10. \quad 85 = \underline{\quad + \quad} \quad 85 = \underline{\quad + \quad} \quad 85 = \underline{\quad + \quad} \quad 85 = \underline{\quad + \quad}$$

Complex Partitioning **Answers**



Question	Answer		
Partition each 2-digit number in 3 different ways. Draw rings around the tens and ones to help.			
1	Multiple answers are available e.g. $53 = 50 + 3, 53 = 40 + 13, 53 = 30 + 23$	4	Multiple answers are available e.g. $68 = 60 + 8, 68 = 50 + 18, 68 = 40 + 28$
2	Multiple answers are available e.g. $76 = 70 + 6, 76 = 60 + 16, 76 = 50 + 26$	5	Multiple answers are available e.g. $93 = 90 + 3, 93 = 80 + 13, 93 = 70 + 23$
3	Multiple answers are available e.g. $89 = 80 + 9, 89 = 70 + 19, 89 = 60 + 29$	6	Multiple answers are available e.g. $37 = 30 + 7, 37 = 20 + 17, 37 = 10 + 27$



Question	Answer		
Write the number represented by the drawing and partition each number in 3 different ways. Draw rings around the tens and ones to help.			
1	Multiple answers are available e.g. $34 = 30 + 4, 34 = 20 + 14, 34 = 10 + 24$	4	Multiple answers are available e.g. $56 = 50 + 6, 56 = 40 + 16, 56 = 30 + 26$
2	Multiple answers are available e.g. $62 = 60 + 2, 62 = 50 + 12, 62 = 40 + 22$	5	Multiple answers are available e.g. $87 = 80 + 7, 87 = 70 + 17, 87 = 60 + 27$
3	Multiple answers are available e.g. $95 = 90 + 5, 95 = 80 + 15, 95 = 70 + 25$	6	Multiple answers are available e.g. $48 = 40 + 8, 48 = 30 + 18, 48 = 20 + 28$

Complex Partitioning **Answers**



Question	Answer		
Partition each number in 3 different ways.			
1	Multiple answers are available e.g. $64 = 60 + 4, 64 = 50 + 14, 64 = 40 + 24$	6	Multiple answers are available e.g. $67 = 60 + 7, 67 = 50 + 17, 67 = 40 + 27$
2	Multiple answers are available e.g. $31 = 30 + 1, 31 = 20 + 11, 31 = 10 + 21$	7	Multiple answers are available e.g. $53 = 50 + 3, 53 = 40 + 13, 53 = 30 + 23$
3	Multiple answers are available e.g. $97 = 90 + 7, 97 = 80 + 17, 97 = 70 + 27$	8	Multiple answers are available e.g. $66 = 60 + 6, 66 = 50 + 16, 66 = 40 + 26$
4	Multiple answers are available e.g. $35 = 30 + 5, 35 = 20 + 15, 35 = 10 + 25$	9	Multiple answers are available e.g. $74 = 70 + 4, 74 = 60 + 14, 74 = 50 + 24$
5	Multiple answers are available e.g. $82 = 80 + 2, 82 = 70 + 12, 82 = 60 + 22$		



Question	Answer		
Partition each number in 4 different ways.			
1	Multiple answers are available e.g. $68 = 60 + 8, 68 = 50 + 18,$ $68 = 40 + 28, 68 = 30 + 38$	6	Multiple answers are available e.g. $79 = 70 + 9, 79 = 60 + 19,$ $79 = 50 + 29, 79 = 40 + 39$
2	Multiple answers are available e.g. $91 = 90 + 1, 91 = 80 + 11,$ $91 = 70 + 21, 91 = 60 + 31$	7	Multiple answers are available e.g. $51 = 50 + 1, 51 = 40 + 11,$ $51 = 30 + 21, 51 = 20 + 31$
3	Multiple answers are available e.g. $47 = 40 + 7, 47 = 30 + 17,$ $47 = 20 + 27, 47 = 10 + 37$	8	Multiple answers are available e.g. $99 = 90 + 9, 99 = 80 + 19,$ $99 = 70 + 29, 99 = 60 + 39$
4	Multiple answers are available e.g. $93 = 90 + 3, 93 = 80 + 13,$ $93 = 70 + 23, 93 = 60 + 33$	9	Multiple answers are available e.g. $78 = 70 + 8, 78 = 60 + 18,$ $78 = 50 + 28, 78 = 40 + 38$
5	Multiple answers are available e.g. $42 = 40 + 2, 42 = 30 + 12,$ $42 = 20 + 22, 42 = 10 + 32$	10.	Multiple answers are available e.g. $85 = 80 + 5, 85 = 70 + 15,$ $85 = 60 + 25, 85 = 50 + 35$