

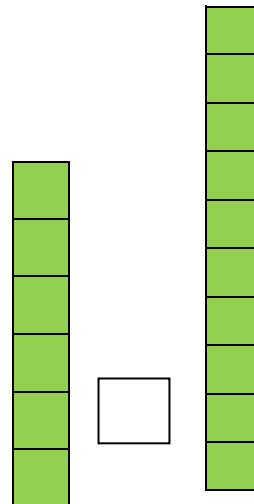
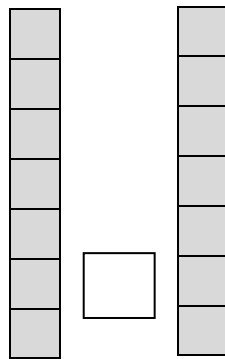
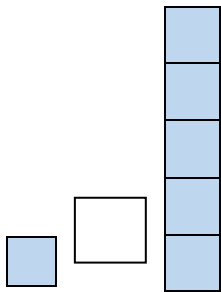
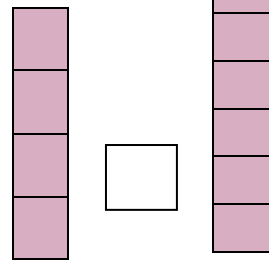
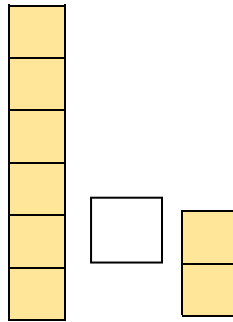
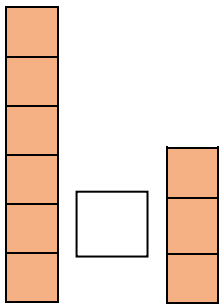


Monday 13.09.21

### MPI comparing quantities and measure

Spicy

Write the correct < or > or = sign in the box.



$7 \square 3$

$10 \square 5$

$3 \square 4$

$2 \square 6$

$8 \square 11$

$9 \square 8$

$1 \square 5$

$6 \square 6$

Write **less than** or **greater than** in the correct space.

Seven is \_\_\_\_\_ two

Three is \_\_\_\_\_ ten

How many possibilities can you find for \_\_\_\_\_ < 10.

Journal all your answers.

Extra Spicy

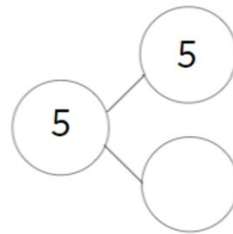
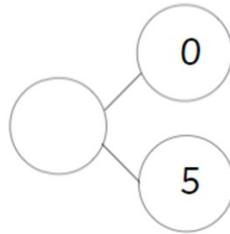
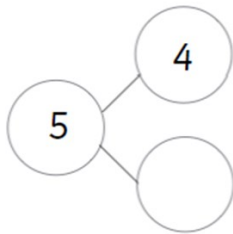
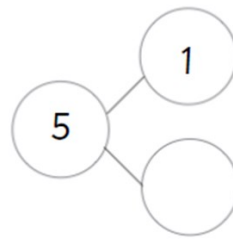
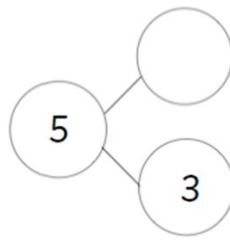
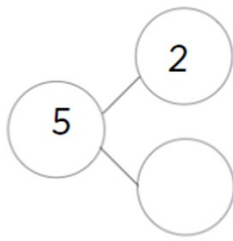




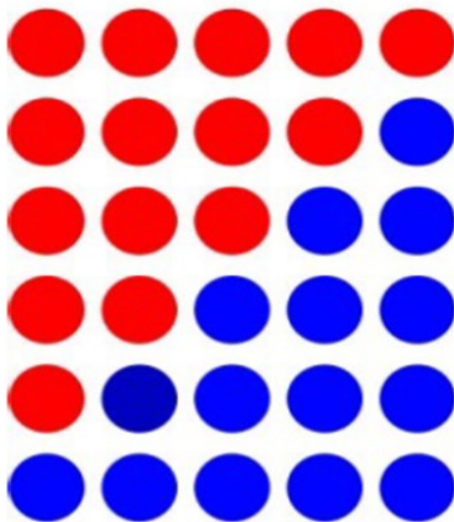
Tuesday 14th September 2021

MPI partitioning 5

Spicy



Find all the ways to make 5:



5	
5	0

What patterns do you notice?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

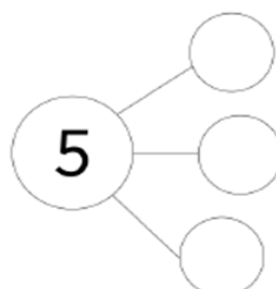
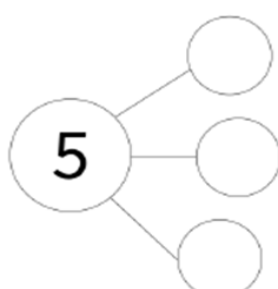
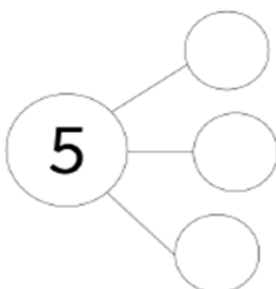
There are 6 ways to make 5.  
Could there be 5 ways to make 4?  
4 ways to make 3?

Leo's conjecture



Extra spicy

Challenge: What three parts can make a whole of 5? Will you find a system?



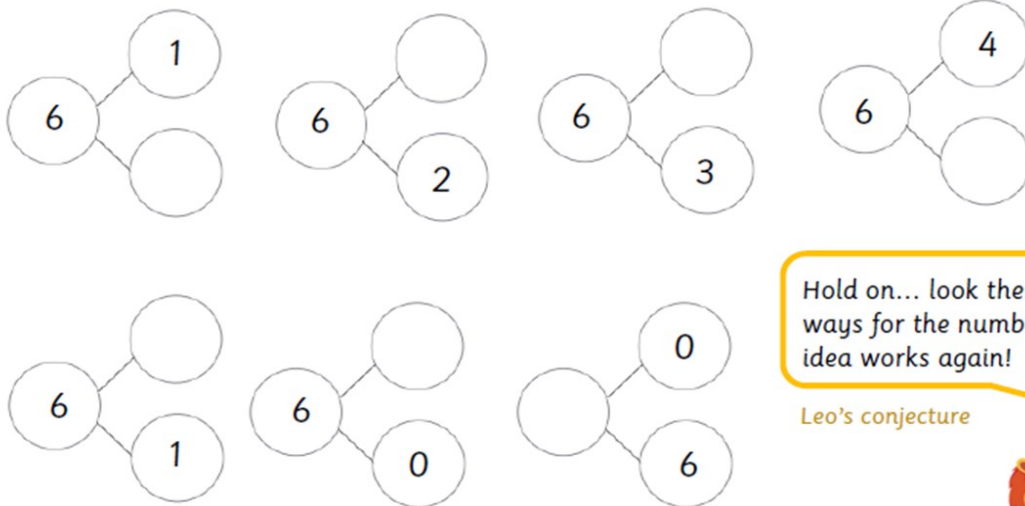
Keep journaling if you have a system.



Wednesday 15th September 2021

MPI partitioning 6

Spicy



Hold on... look there are 7 ways for the number 6. My idea works again!

Leo's conjecture



Find all the ways to make 6:

6	
6	0

●	
●	
●	
●	
●	
●	●

$5 + \square = 6$

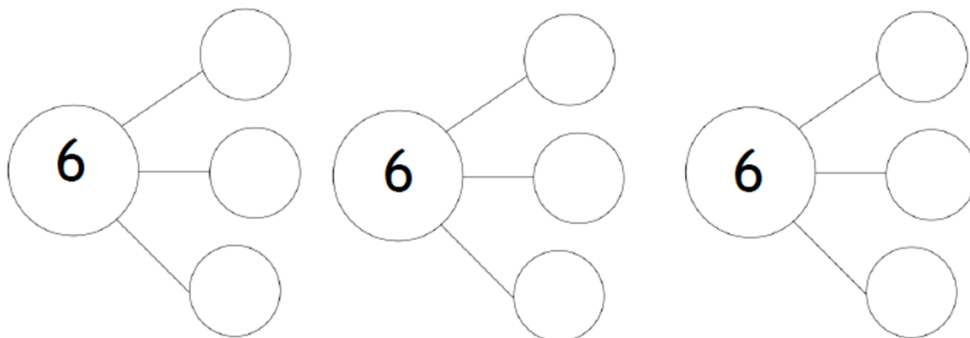
$\square + 5 = 6$

$6 - \square = 5$

$6 - 1 = \square$

Challenge: What three parts can make a whole of 6? Can you find a system?

Extra Spicy



Keep journaling if you have a system.



MPI Partitioning 7

Use 2 different colours to represent the equation. Then complete the part, part, whole

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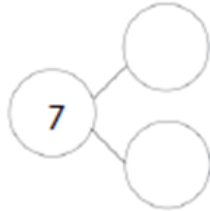
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$6 + 1 = \square$

$\square + 6 = \square$

$7 - 6 = \square$

$7 - 1 = \square$

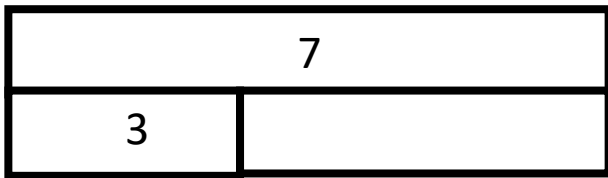
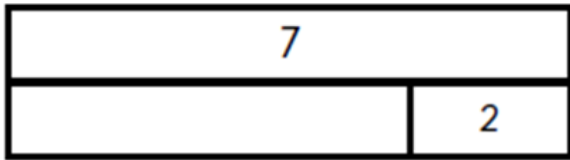


$\square + \square = 7$

$\square + \square = 7$

$7 - \square = \square$

$7 - \square = \square$



$\square + \square = \square$

$\square + \square = \square$

$\square - \square = \square$

$\square - \square = \square$

$\square + \square = \square$

$\square + \square = \square$

$\square - \square = \square$

$\square - \square = \square$

Extra Spicy 



If I took 1 black bean away I would have 7 altogether.



Is Leo correct?

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