Monday 20.09.21

MPI partitioning 10

Spicy 

	Red	Grey
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CHALLENGE

Can you write the equations for all the different ways of making 10? Extra spicy 

Tuesday 21st September 2021

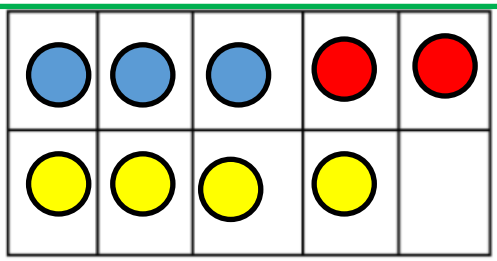
MPI adding using 3 addends

Spicy

1. There are _____blue counters, _____ red counters and _____ yellow counters.

Altogether there are _____counters.

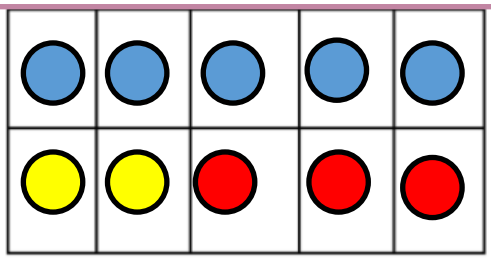
_____+ _____ + _____ =



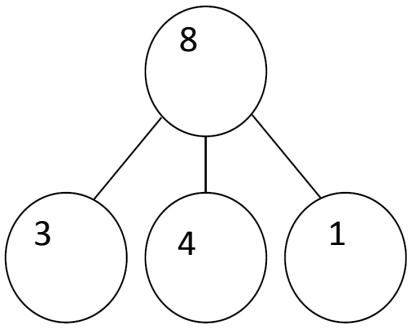
2. There are _____blue counters, _____ red counters and _____ yellow counters.

Altogether there are _____counters.

_____+ _____ + _____ =

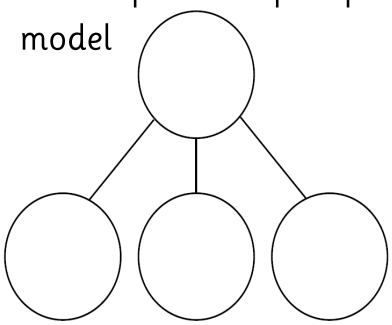


3. Write the equation



_____+ _____ + _____ =

4. Complete the part-part whole model



2 + 2 + 3= 7

5. Fill out the missing numbers to complete the equations.

1 + 7 + 2 = ____

2 + 5 + _____= 9

_____ + 3 + 6 = 10

_____ + 0 + 2 =6

4 + ____ + 5 = 10

8 = 4 + 2 + ____

_____ + 0 + 2 =10

3 + 3 + 1 = ____

Extra spicy

What are all the different possibilities to make the number 10 using 3 addends?

Example: 1 + 1 + 8 = 10

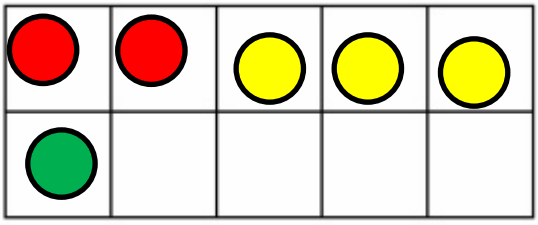
Journal these in your book.

Wednesday 22nd September 2021

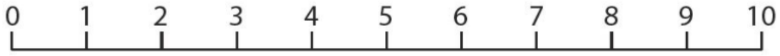
MPI adding using 3 addends

Spicy

First there were 2 children playing the game. Then 3 more joined and then 1 more child joined. Now, **six** children are playing.



1. Show this on a number line:

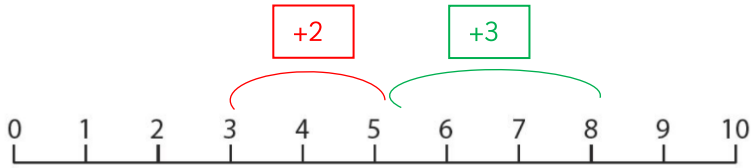


2. Now write the equation:

_____ + _____ + _____ =

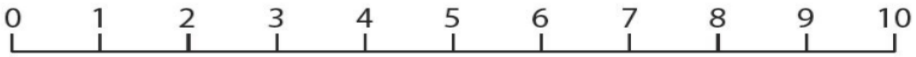
Write the equation for this number line:

_____ + _____ + _____ =



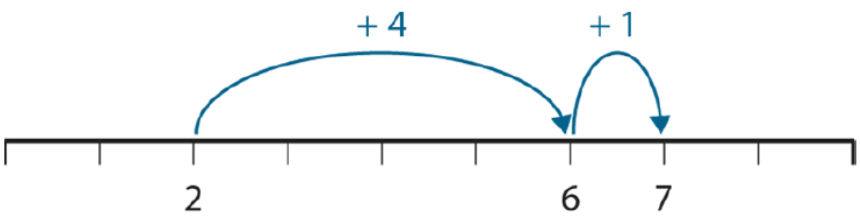
Draw the number line for this equation:

3 + 5 + 1 = 9



1. Write the equation for this number line.
2. Can you write a maths story for this number line?

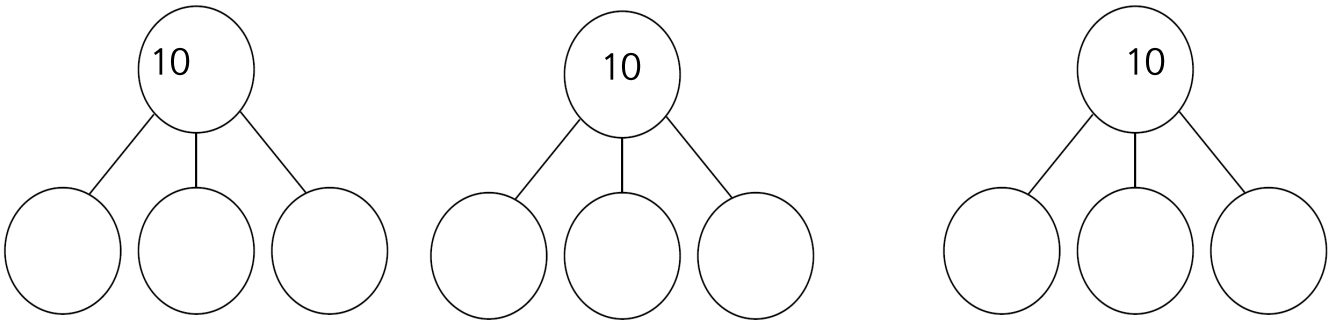
Extra spicy



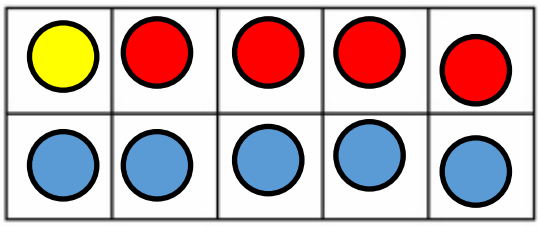
_____ + _____ + _____ =

Can you write this equation in 3 different ways?

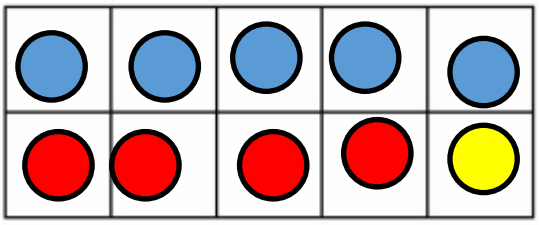
1 + 6 + 3= 10



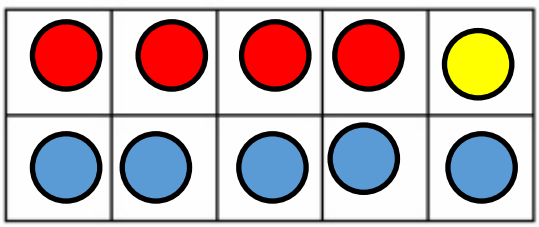
Write the three equations that are shown in the tens frame.



_____ + _____ + _____ = 10



_____ + _____ + _____ = 10



_____ + _____ + _____ = 10

Extra spicy

2 + 4 + 3 = ☐ + 3 = ☐

2 + 4 + 3 = ☐ + 4 = ☐

2 + 4 + 3 = ☐ + 2 = ☐

Journal all the possible different ways to write: 2 + 3 + 1 ? Which one is the easiest way? Explain why.

Friday 24th September 2021

Group investigation

MPI Using the commutative and associative law

Fill in the missing squares, using the digits 0, 1, 2, 4, 5 only once so that each row and column adds up to the same number.

3	3	3

Space to practice:

3	3	3

3	3	3

3	3	3

3	3	3

3	3	3

3	3	3