Maths Workshop
Rec, Year 1 and Year 2

Mrs Poole
Maths Co-ordinator

numicon

Numicon

Numicon is a multi sensory maths resources using imagery, models and signs to raise mathematical achievement.

Develops **fluency** by using a visual, practical base to develop conceptual understanding and fluent recall.

Helps children to **reason mathematically** through the use of concrete objects and **spoken language** to explain and justify.

Develops children into confident **problem-solvers**.

Numicon

- Quality first learning
- Progressive
- Inclusive
- Children can:
- Understand number relationships
- Do calculating without counting
- Learn mathematical language in context
- Make connections to use and apply their understanding

Numicon

* Can you put the Numicon shapes in order from 1 to 10?

* Why do some pieces have ‘sticking out bits’?

plus
total
add
together
+ Addition +
increase
sum
more
and
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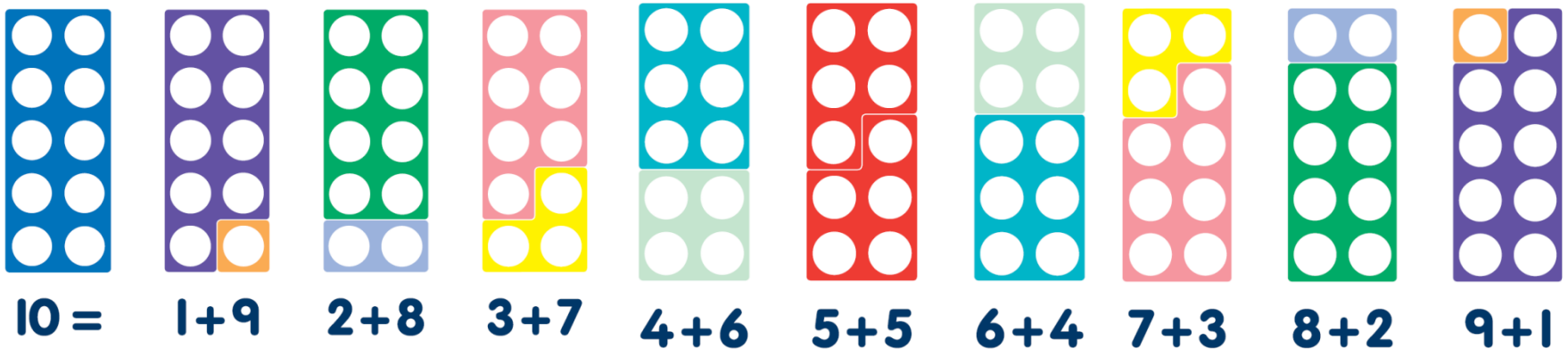
numicon

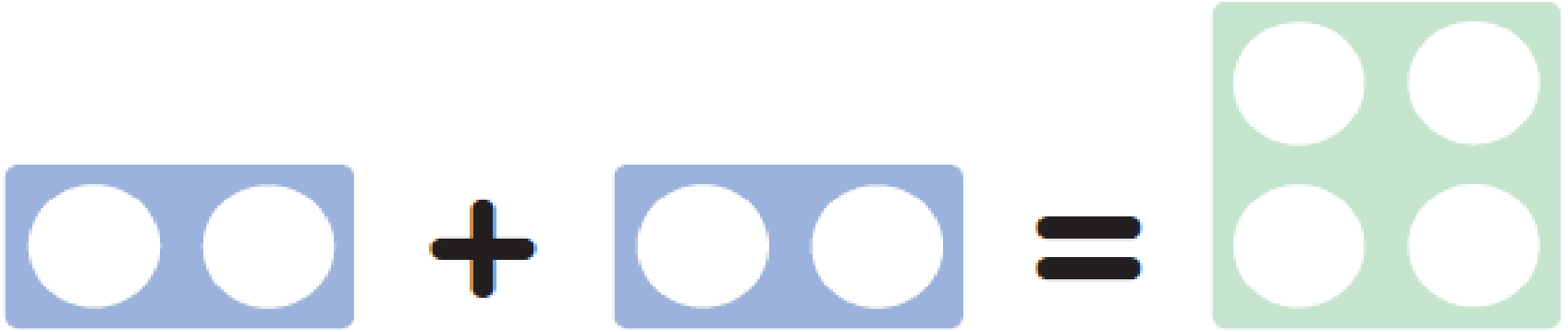
Number Bonds to 10



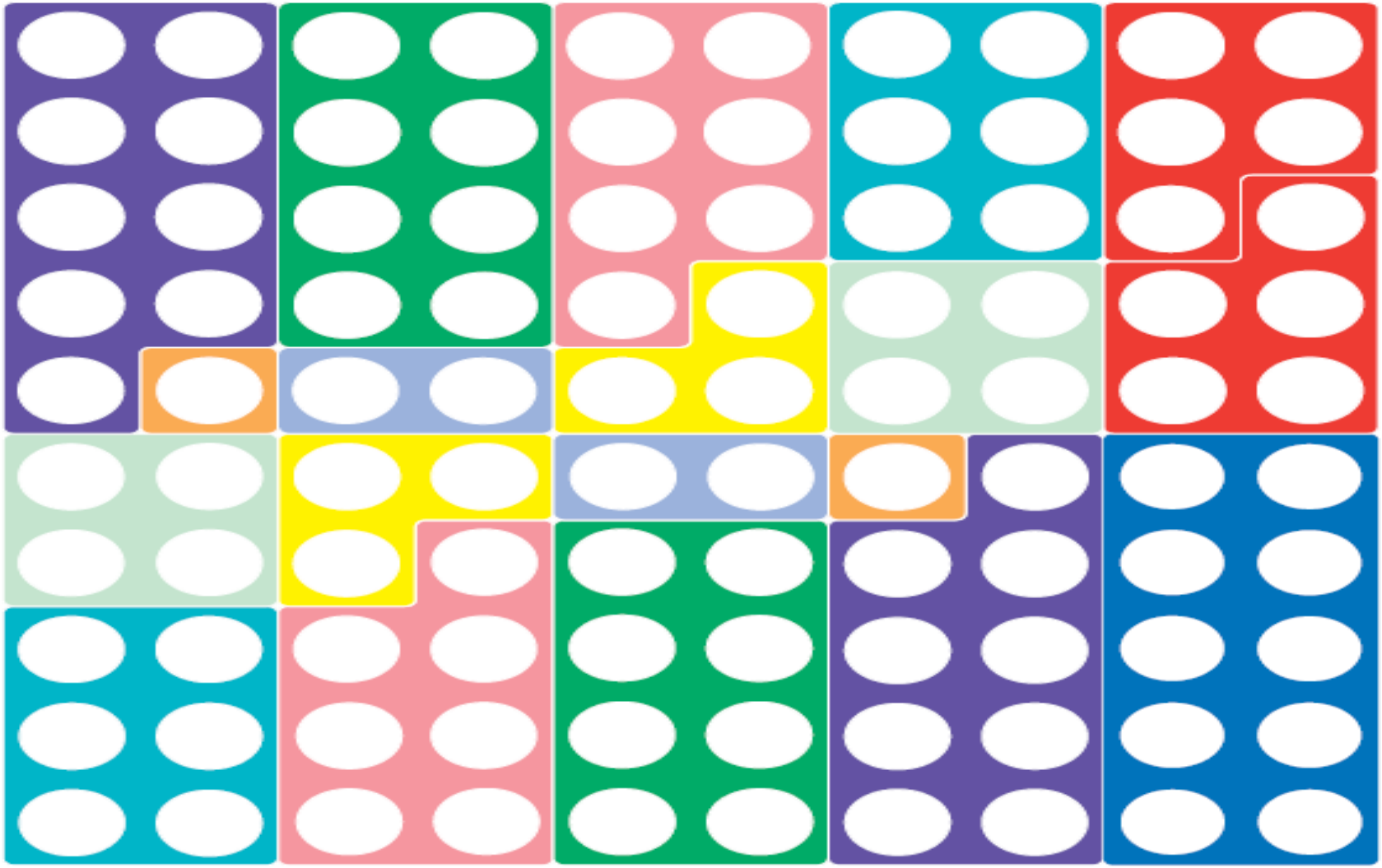
Number Bonds to 20

* Make a teen number using a ten and a single digit number. How many more to get to Twenty?
* What is ten more?
* What is ten less?

Finding doubles



Making 100 with Adding Facts to 10



Can you find all the ways to make...

2

3

4

5

take from

fewer

reduce

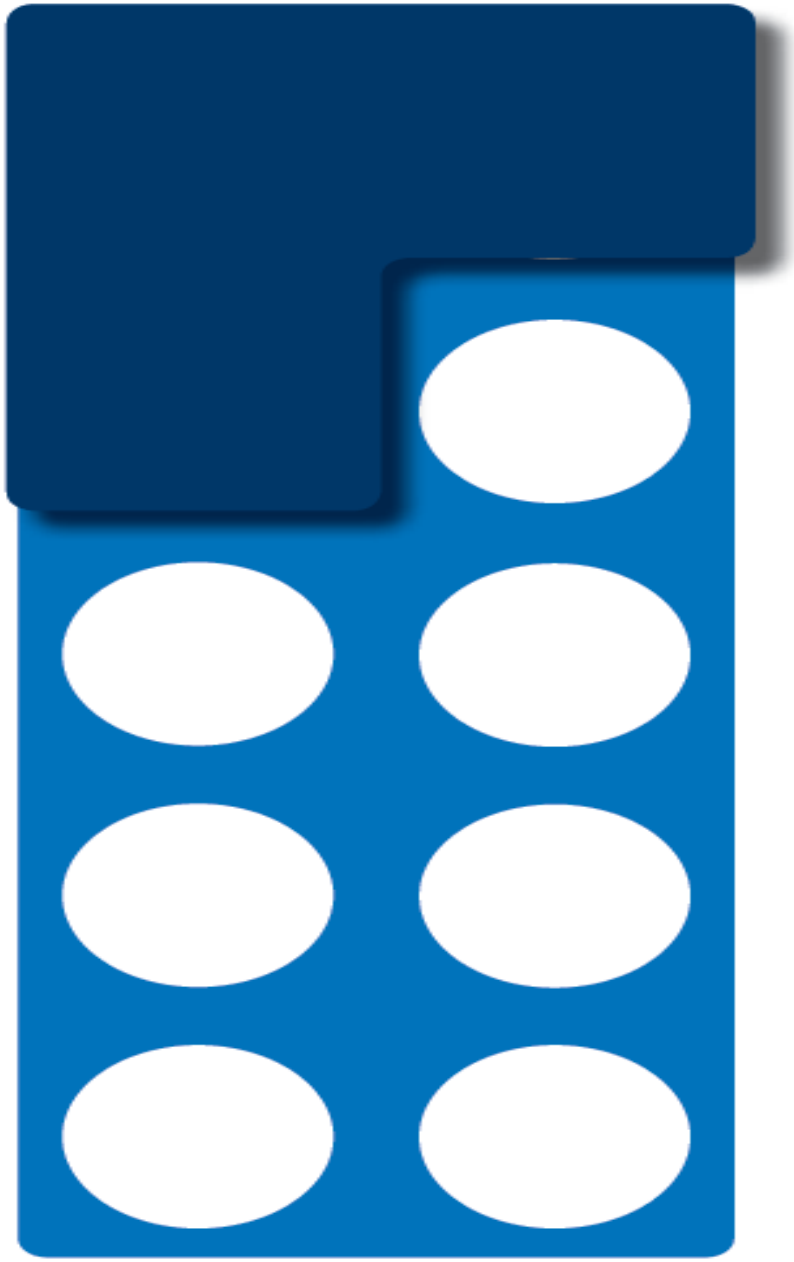
minus

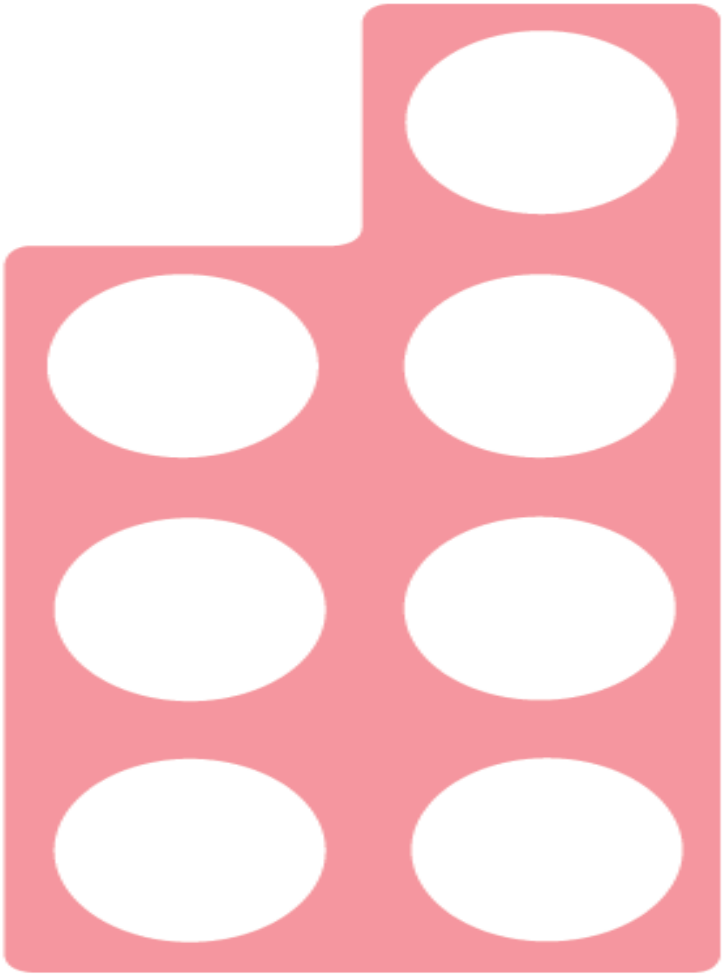
- Subtraction -

difference between

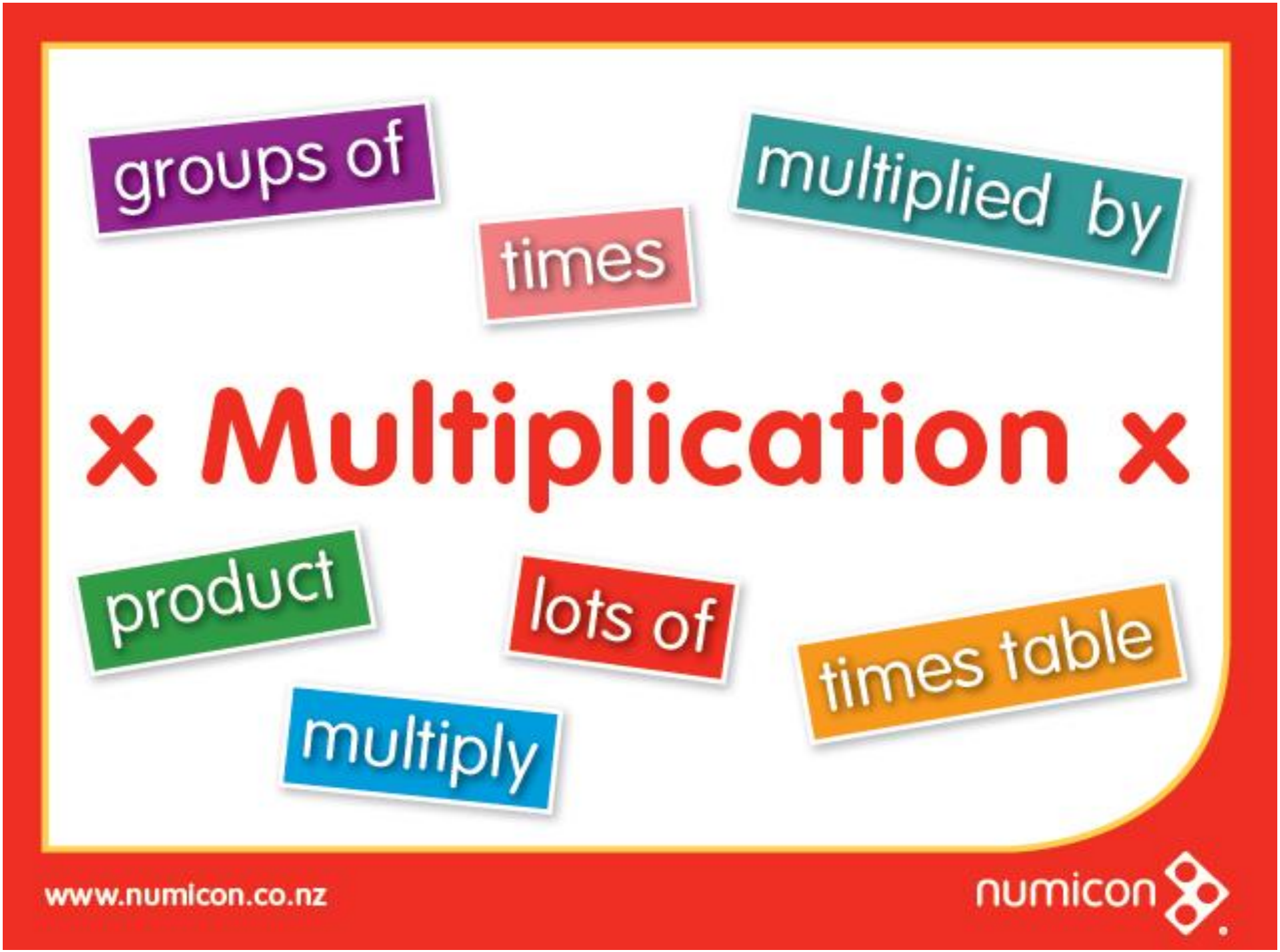
take away

decrease





10 − 3 = 7


groups of
times
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× Multiplication ×
product
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multiply
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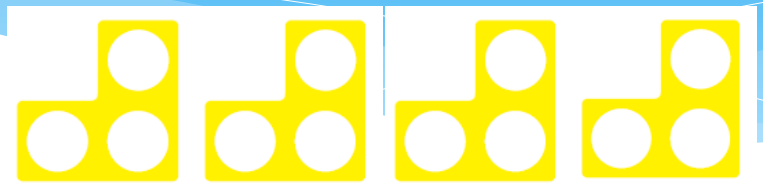
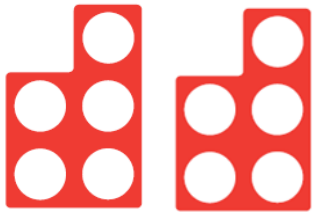
Multiplication

4 x 3 = 12



5 x 2 = 10

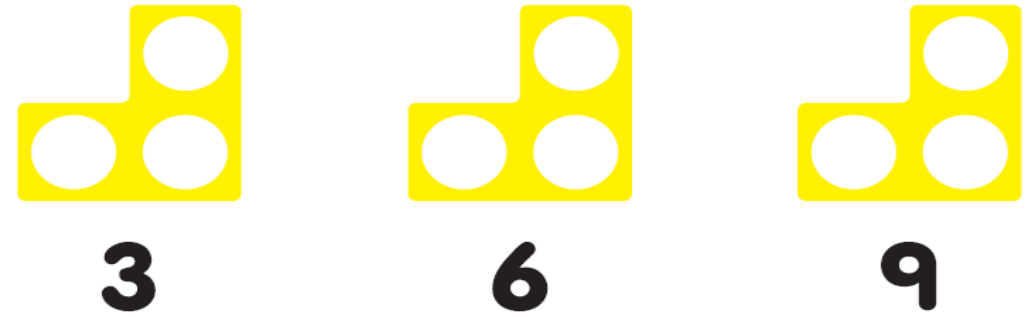
2 x 5 = 10



6 x 4 = 24

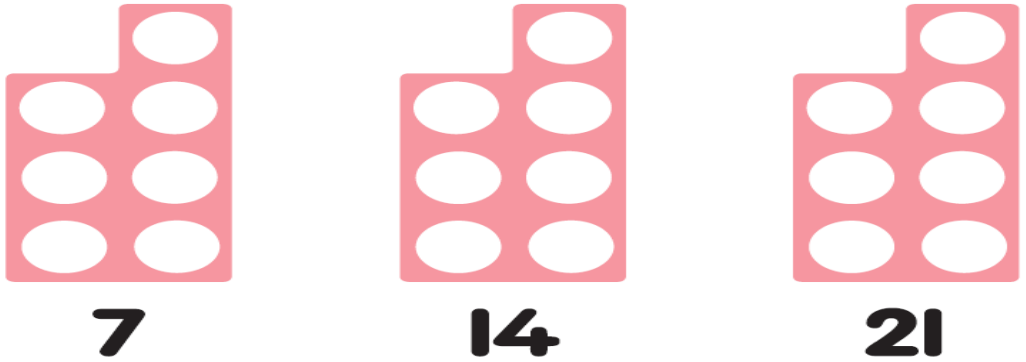
Odd numbers

* Investigate times tables 3, 5 and 7 ask child;
* What pattern do you notice?
* Do you think this pattern will continue? Why?
* Can you prove it?



* The same could be done for times tables with even numbers.

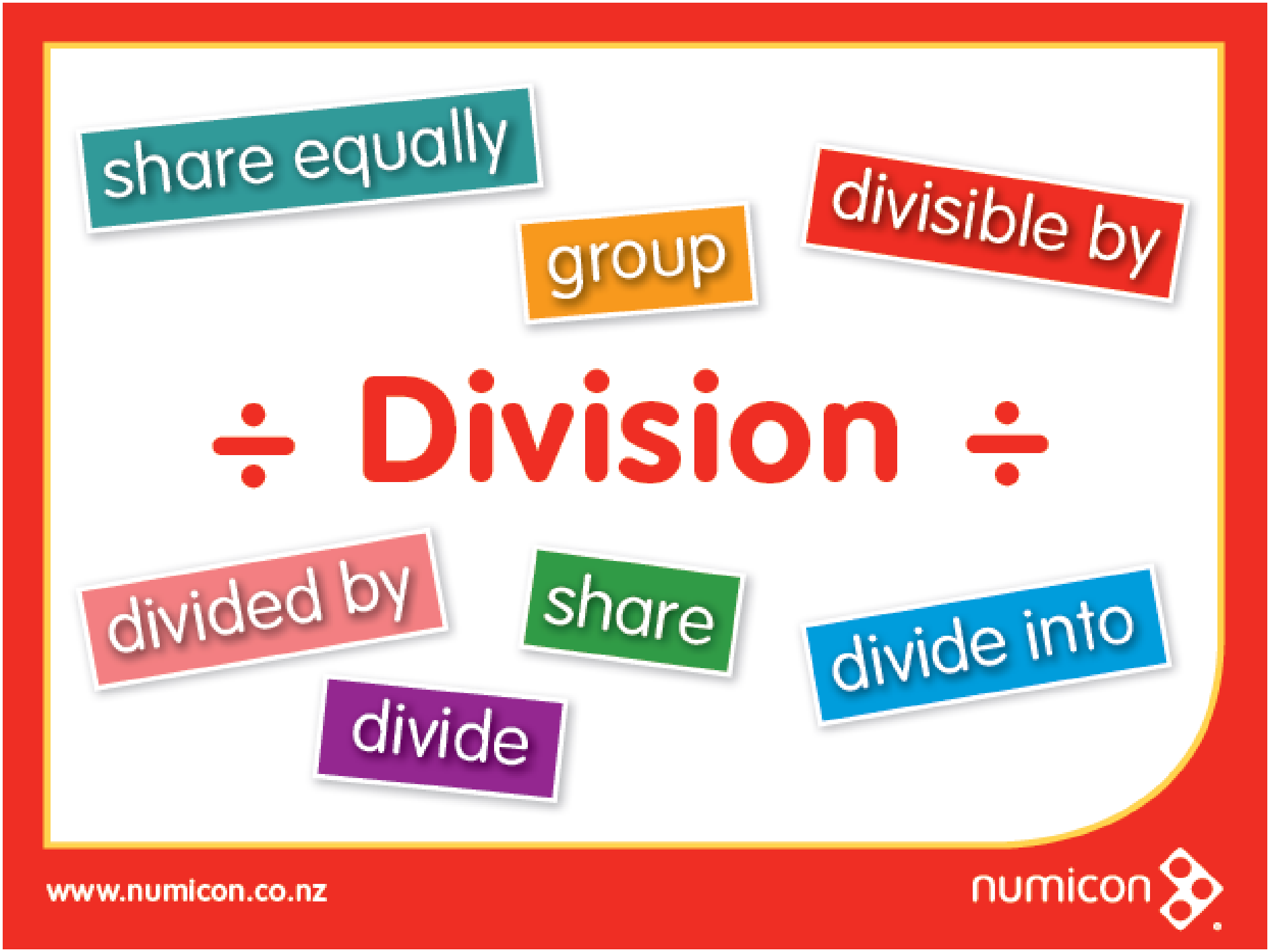
* Creating links all the time help children to recall the information.



3 Times Table

Can you spot patterns on a 100 square?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100


share equally
group
divisible by
÷ Division ÷
divided by
share
divide into
divide
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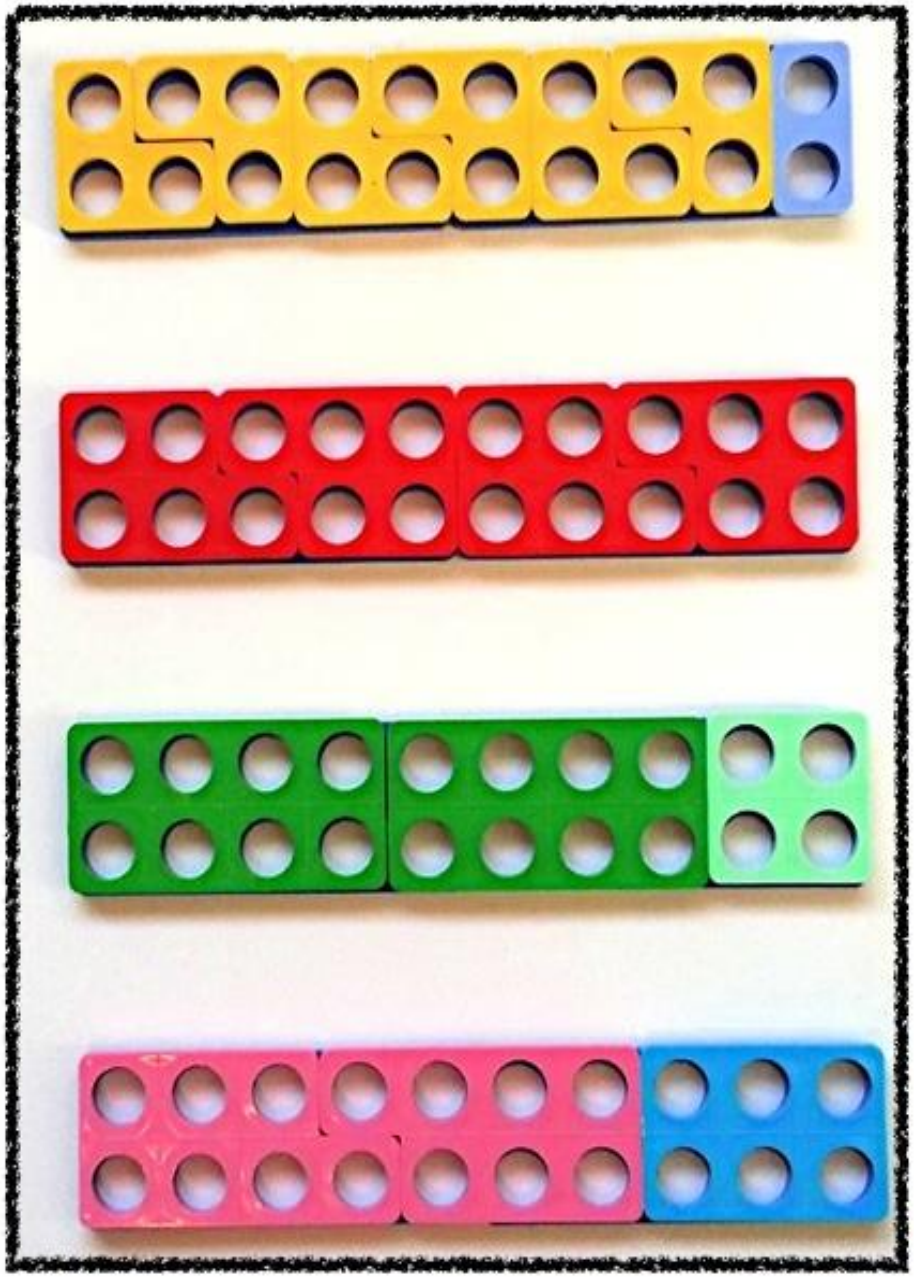
$20 \div 3 = 6r2$

$20 \div 5 = 4$

$20 \div 8 = 2r4$

$20 \div 7 = 2r6$



Parents Resources

* www.numicon.co.nz
* There are lots of **free** resources online using the above website, including resources to print, activities etc.
* If you feel you would like to purchase Numicon for your child at home we can offer two different resources:
* Box 1-10 shapes - £ 4.50 + VAT
* Maths Homework Bag - £13.50 + VAT

Maths Homework Bag