How are you feeling today?

"Good Morning Year 3"

Wednesday 27th January 2021

Maths Week 4

Lesson 3

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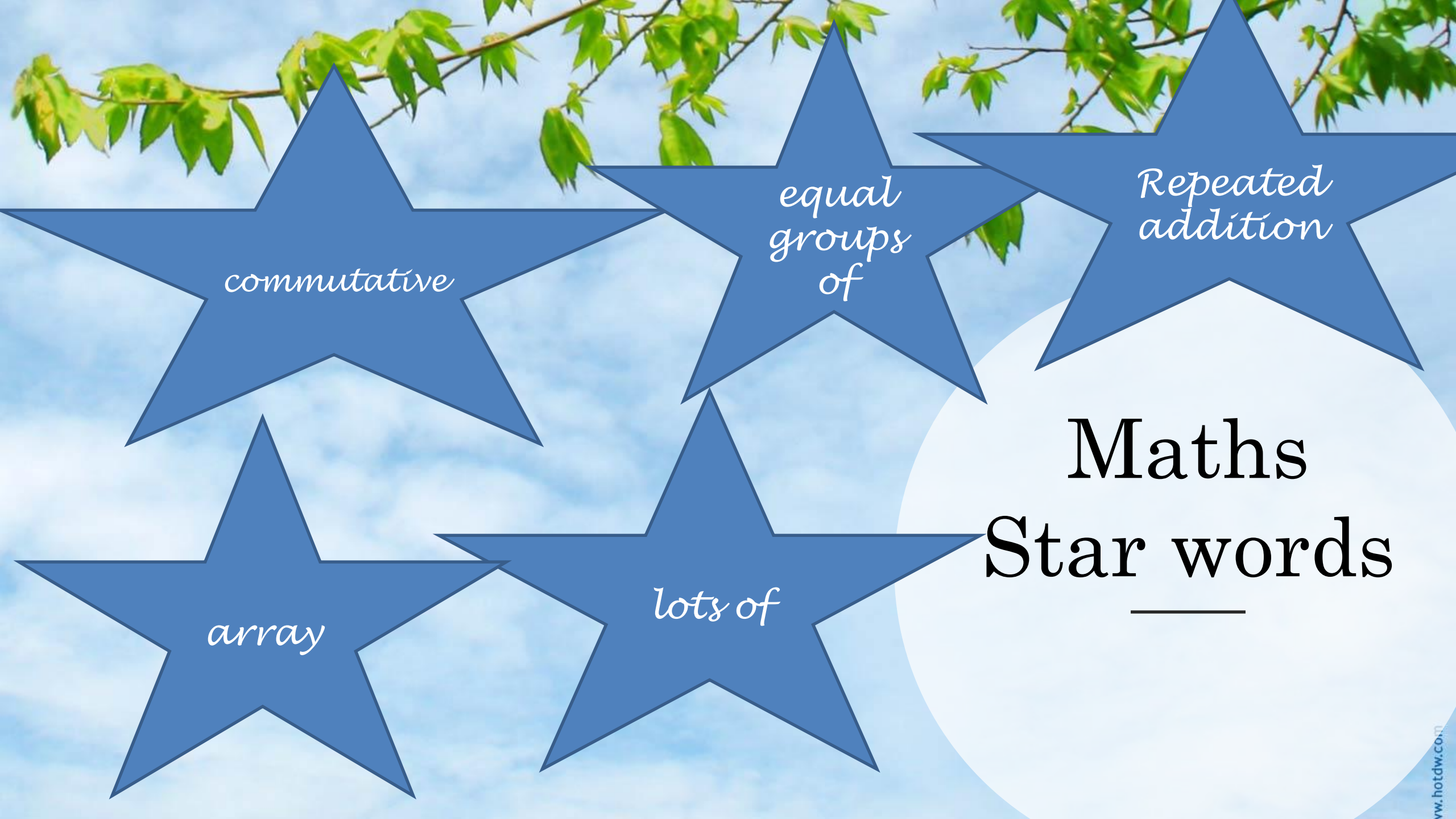
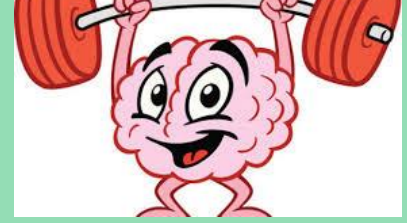
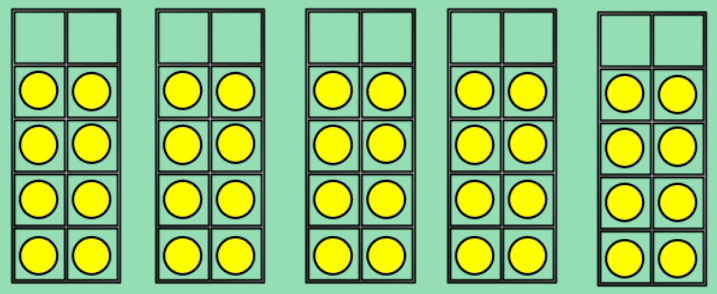

commutative
equal groups of
Repeated addition
array
lots of
Maths Star words

Starter – Let's warm up our brains



1) How many counters altogether?



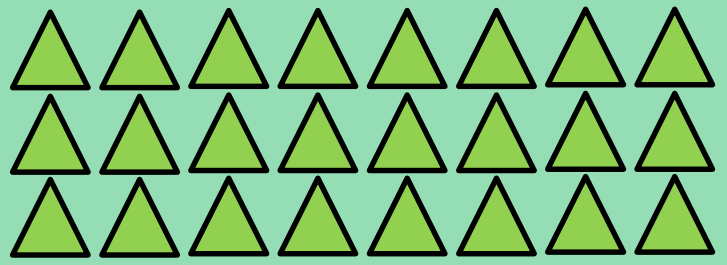
2) Complete the repeated additions

$8 + 8 =$

$8 + 8 + 8 =$

$8 + 8 + 8 + 8 =$

3) Here is an array.



How many groups of 8 are there?

Walt: multiply by 8

S2S: I can

- represent groups of 8 in different ways
- count on in 8s
- multiply by 8

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Let’s Learn

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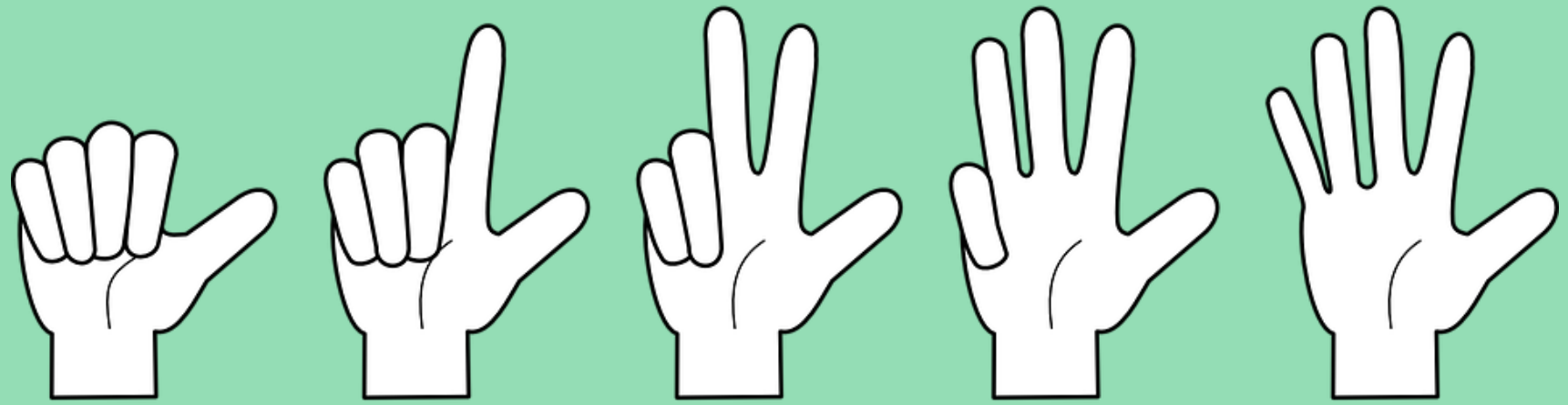
Use your fingers to help you recite the 8 times table to 12 x 8.



1x8 is 8

2x8 is 16

3x8 is 24

4x8 is 32

5x8 is 40

Count in eights to 96.
What do you notice?

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

Guided Practice

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What do you see?

There are ____ equal groups of ____

□ + □ + □ = □

□ × □ = □

□ × □ = □

What do you see?

Have a think

8 groups of 3 cakes

$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 =$

$8 \times 3 =$

$3 \times 8 =$

There are 40 stars.

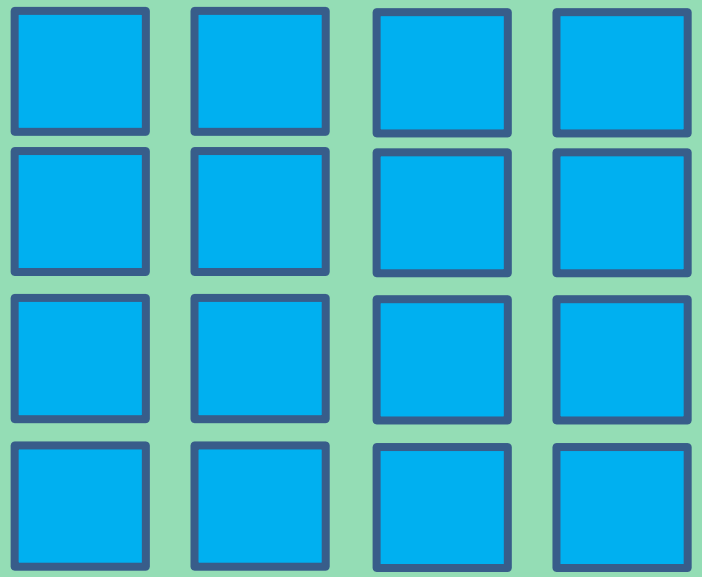
How many groups of 8 can you make?

There are _____ groups of 8 squares.

5 x 8 =

There are 16 squares.

How many groups of 8 can you make?

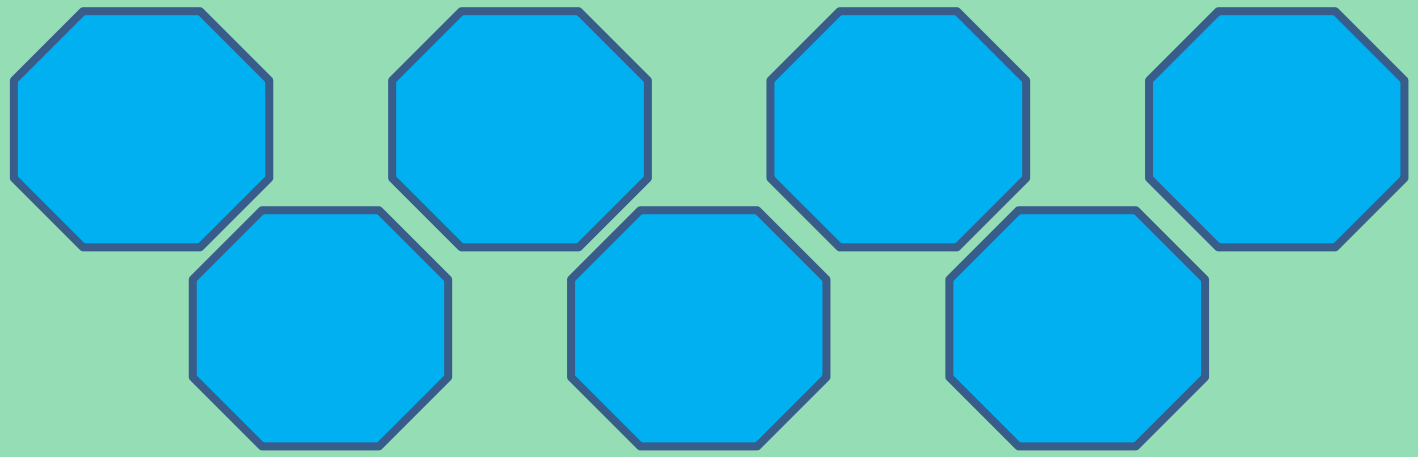


There are _____ groups of 8 squares.

2 x 8 =

How many sides in total?

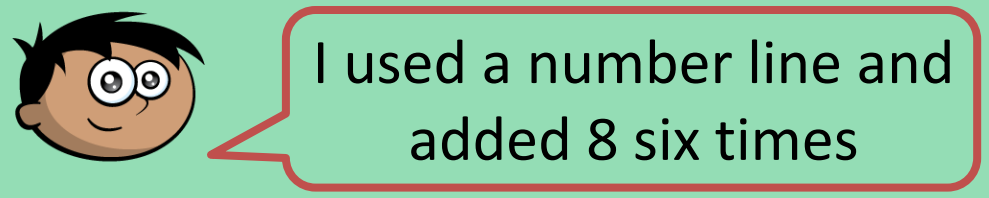
Write a multiplication calculation.

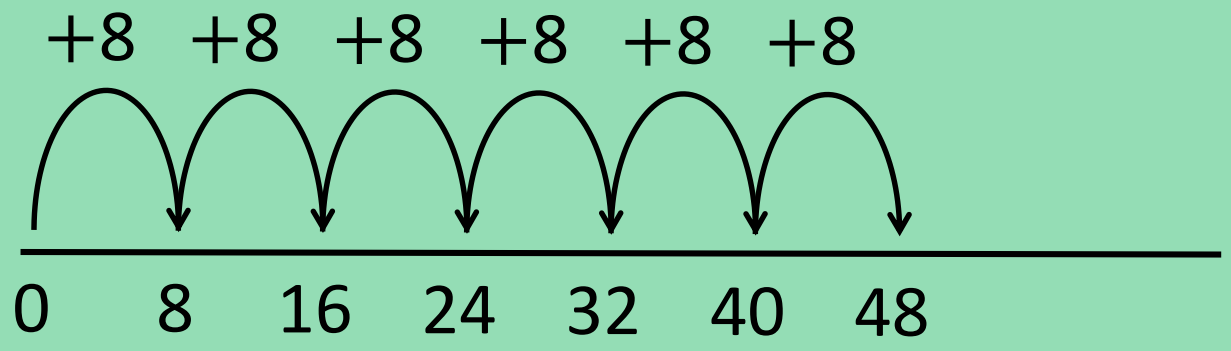


_____ x _____ = _____

8	16	24	32	40	48	56	64	72	80	88	96

The children are exploring ways to calculate 6×8





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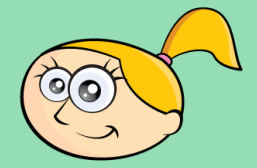
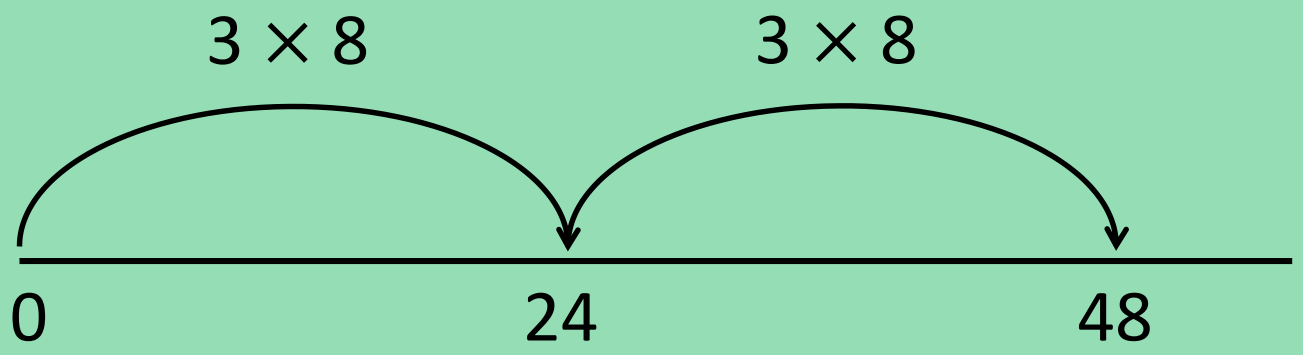
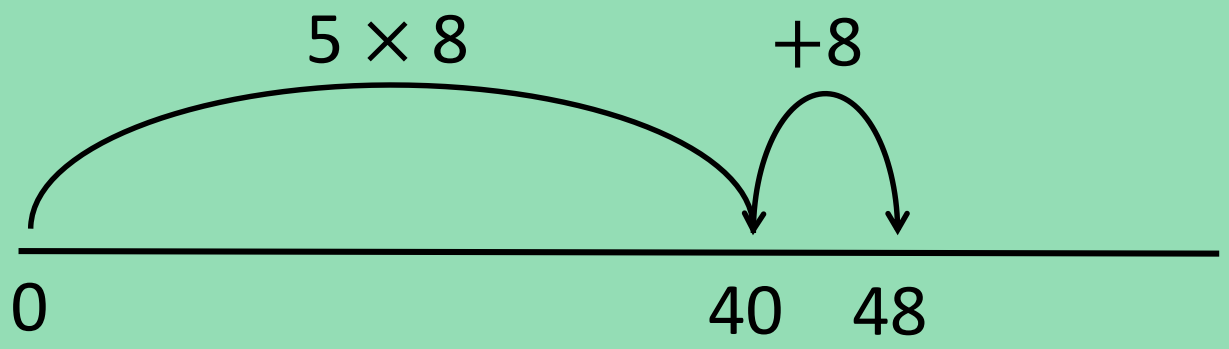


I know 6×8 is two lots of 3×8



The children are exploring ways to calculate 6×8

I know $5 \times 8 = 40$
then I added one more 8



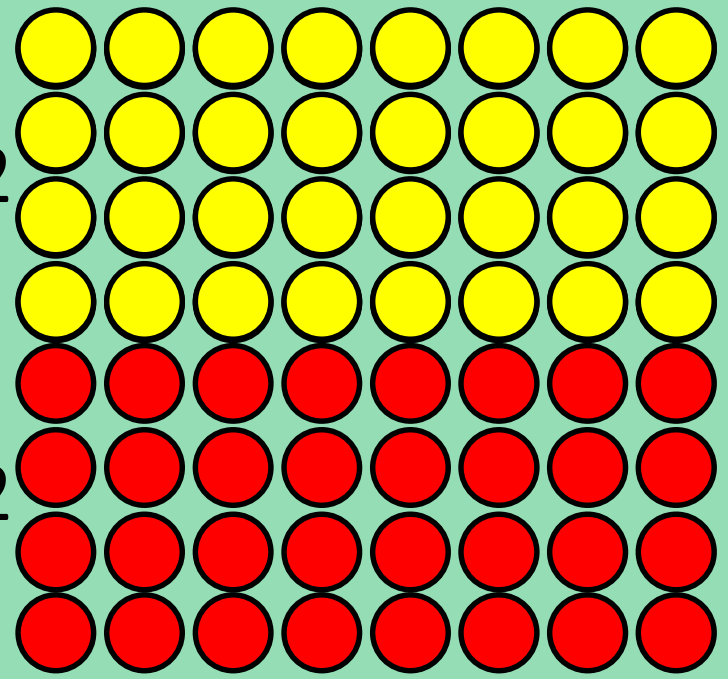
Have a think

How many ways can you calculate 9×8?

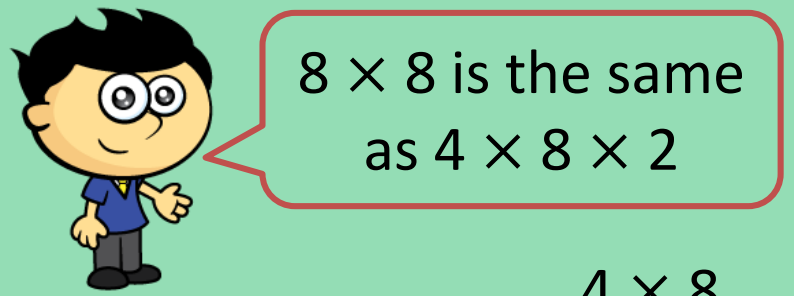
$8 \times 8 = 64$

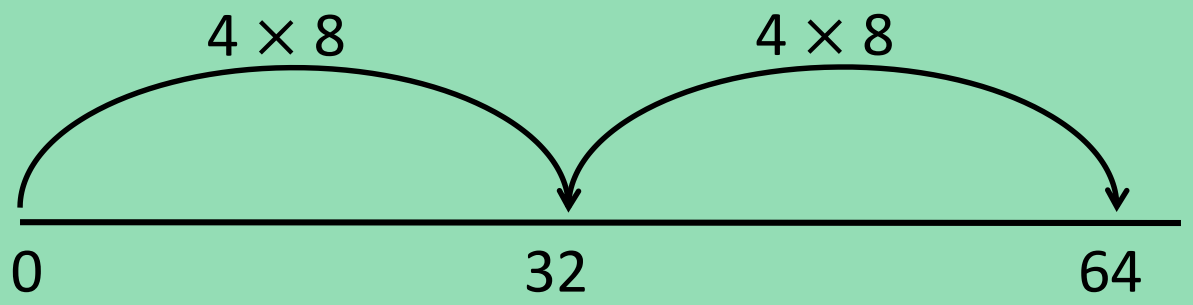
$4 \times 8 = 32$

$4 \times 8 = 32$



$4 \times 8 \times 2 = 64$



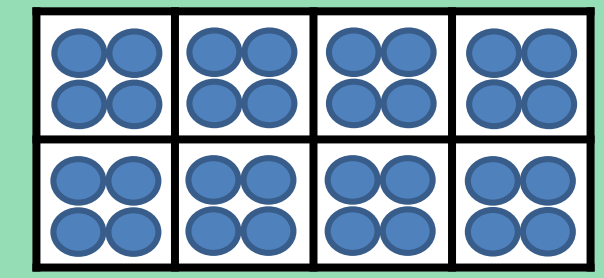


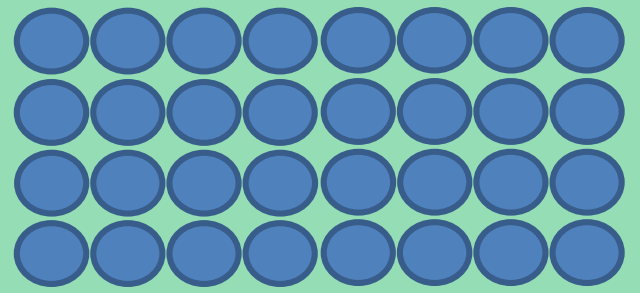
Match the calculations with the representation.

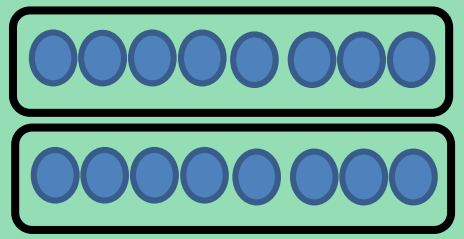
4 x 8

2 x 8

8 x 4

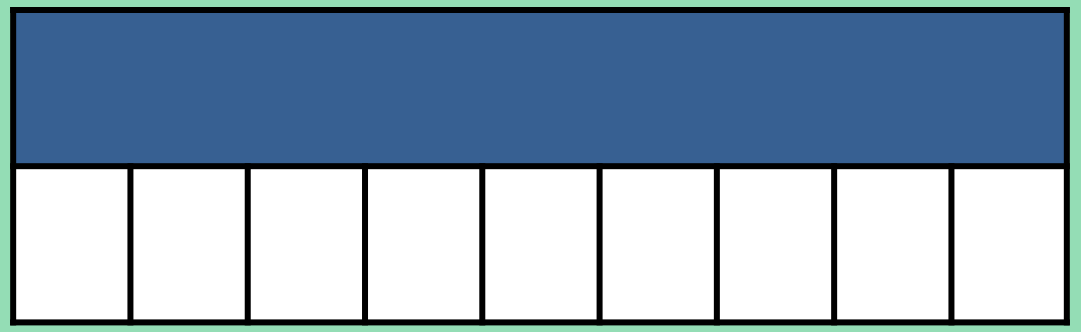






Use a bar model to help you.

I bought 9 packs of sweets. Each bag has 8 sweets. How many do I have altogether?



8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 =

9 x 8 =

Over to you - Independent questions

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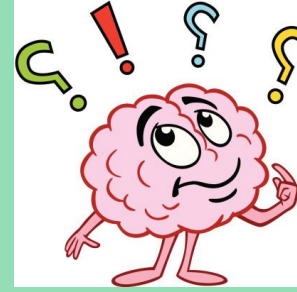
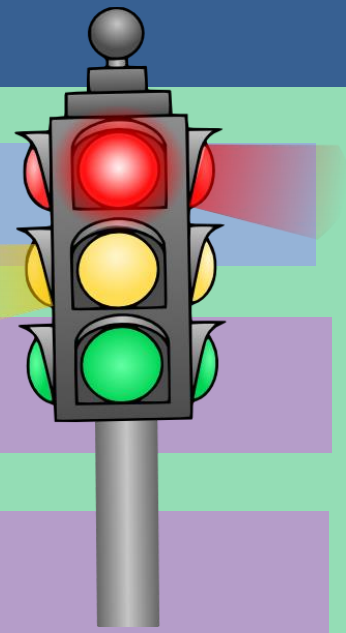
Problem Solving



Is she correct? Prove it.

I need to work out 7 x 8.
I will double 7 to make 14.
Double 14 to make 28
and double 28 to make 56

Reflection – Traffic Lights



Where did I get to today?

I can now.....

I need more practice with...

I still need to learn how to .....

... represent groups of 8 in different ways.	... count on in 8s.	... multiply by 8.