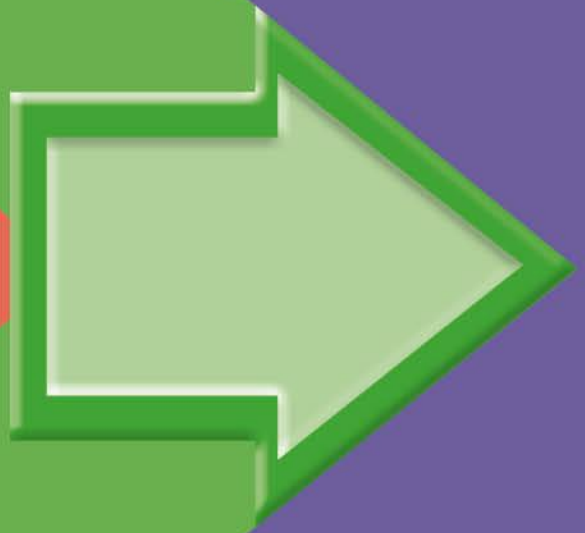
MULTIPLY BY 8

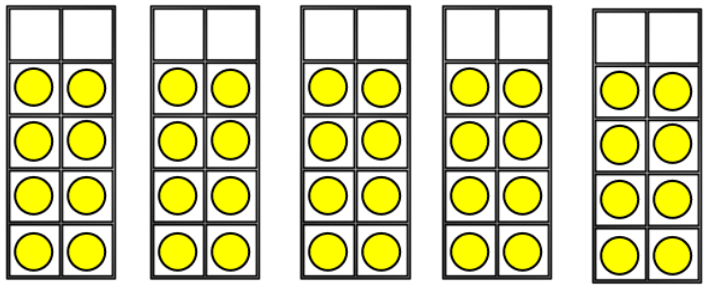


White Rose Maths

GET READY

White Rose Maths

1) How many counters altogether?



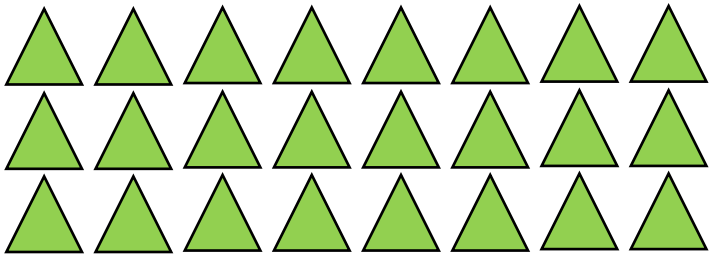
2) Complete the repeated additions

$8 + 8 =$

$8 + 8 + 8 =$

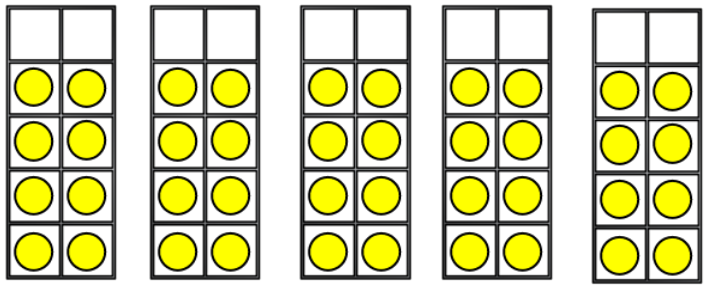
$8 + 8 + 8 + 8 =$

3) Here is an array.



How many groups of 8 are there?

1) How many counters altogether?



40

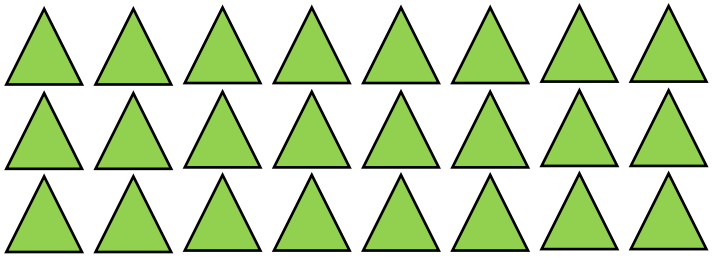
2) Complete the repeated additions

$8 + 8 = 16$

$8 + 8 + 8 = 24$

$8 + 8 + 8 + 8 = 32$

3) Here is an array.



How many groups of 8 are there? 3

LET'S LEARN

White Rose Maths

What do you see?

There are 3 equal groups of 8

8 + 8 + 8 = 24

3 × 8 = 24

8 × 3 = 24

What do you see?

Have a think

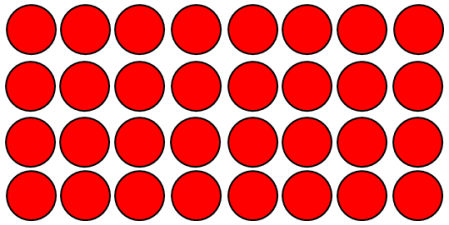
8 groups of 3 cakes

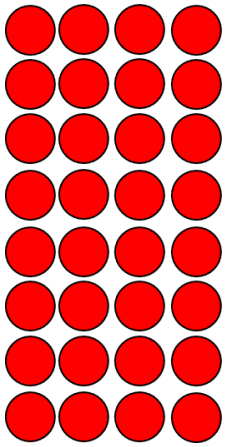
$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 24$

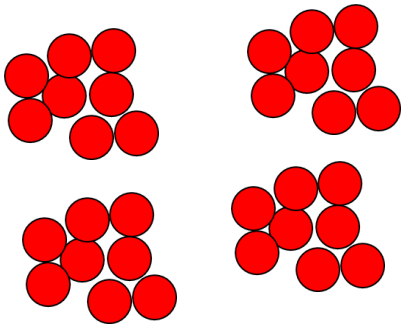
$8 \times 3 = 24$

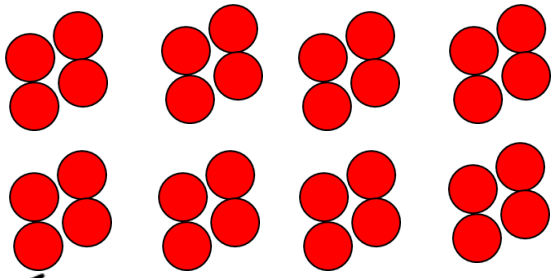
$3 \times 8 = 24$

The children are finding different ways to represent 4×8



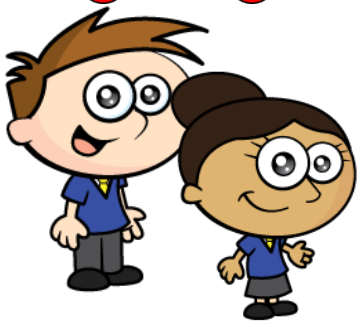


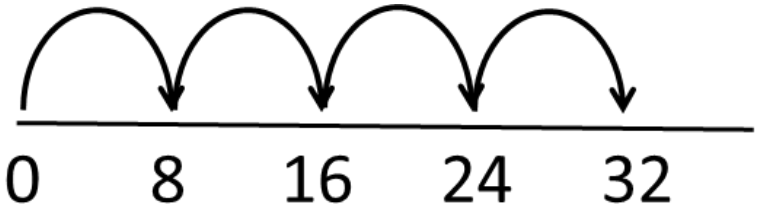




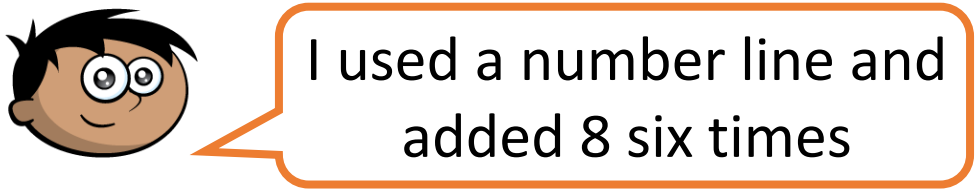
8	8	8	8

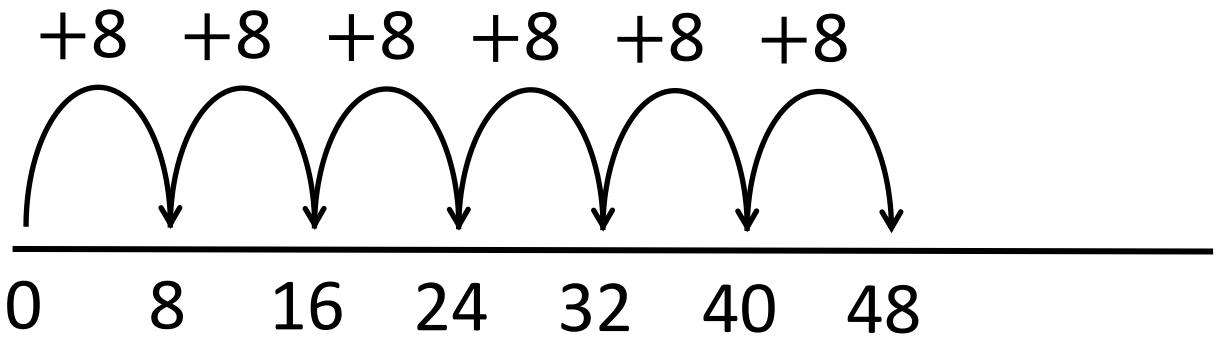
4	4	4	4	4	4	4	4



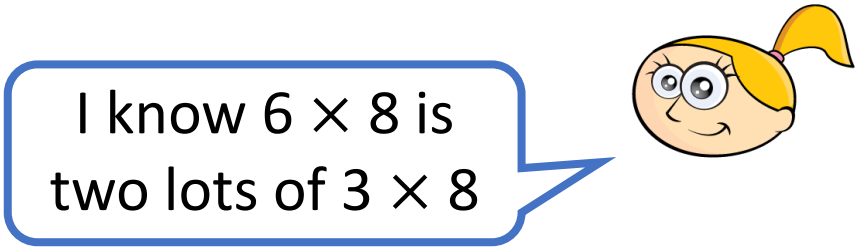


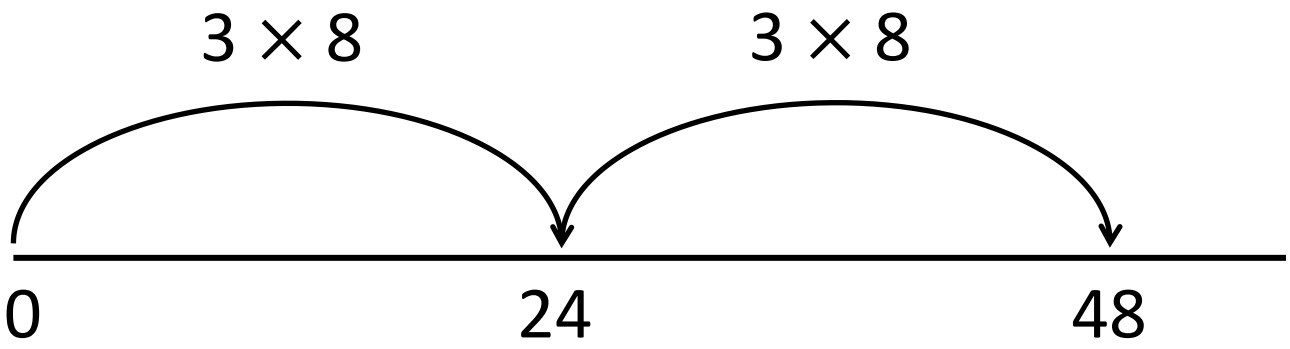
The children are exploring ways to calculate 6×8





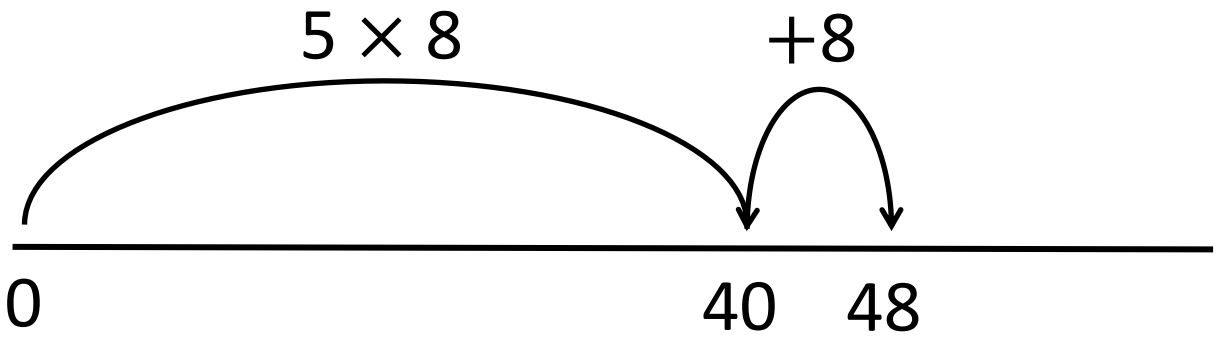
The children are exploring ways to calculate 6 × 8





The children are exploring ways to calculate 6 × 8

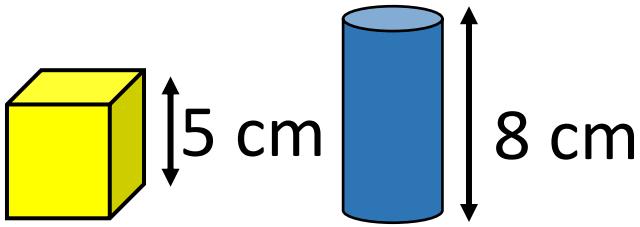
I know 5 × 8 = 40
then I added one more 8

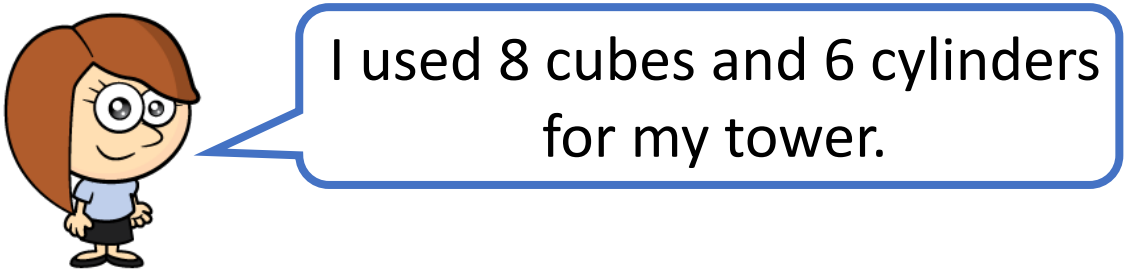


Have a think

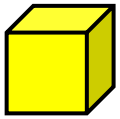
How many ways can you calculate 9 × 8?

Rosie has built a tower using cubes and cylinders.





How tall is Rosie's tower?



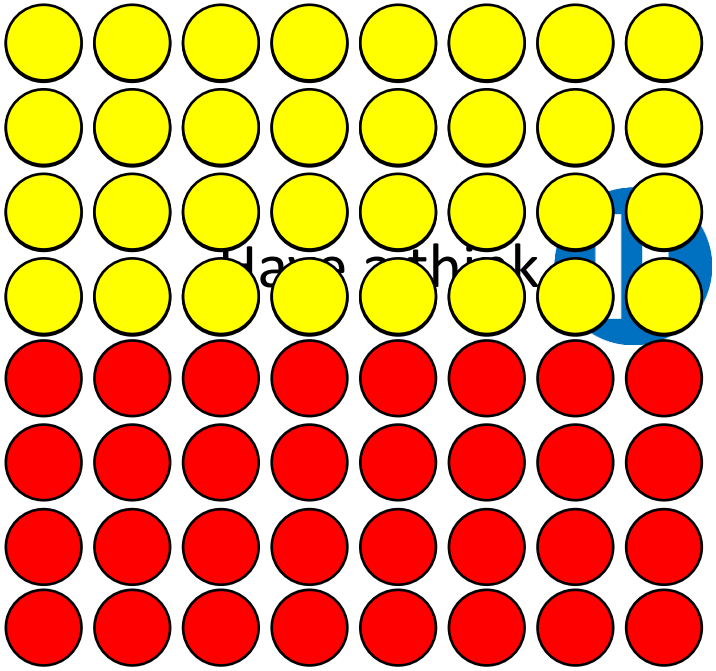
$8 \times 5 = 40$ $6 \times 8 = 48$ $40 + 48 = 88$

The tower is 88 cm tall.

Have a think

$8 \times 8 = 64$

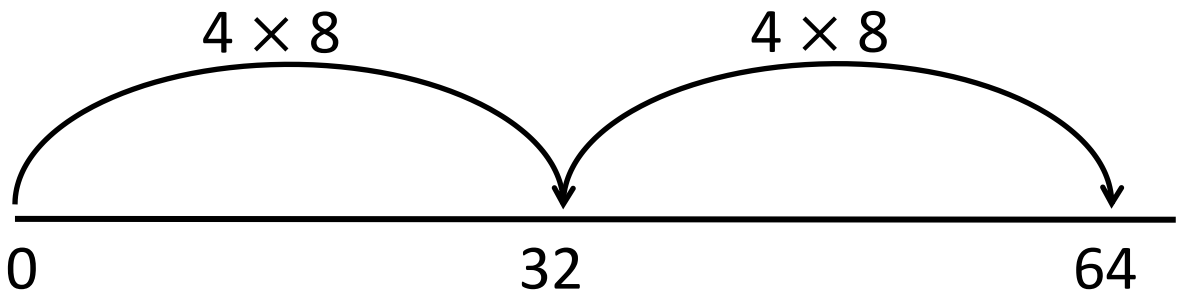
$4 \times 8 = 32$



$4 \times 8 = 32$

$4 \times 8 \times 2 = 64$

8 × 8 is the same as 4 × 8 × 2



YOUR TURN

Have a go at all of the questions on the worksheet

White Rose Maths