9 TIMES-TABLE AND DIVISION FACTS

1) How many grapes?

2) 9×2 ones $=$

9×2 tens $=$

9×2 hundreds $=$

3) $9 \times 2 =$

$9 \times 20 =$

$9 \times 200 =$

4) $210 - 21 =$

1) How many grapes?

$9 + 9 + 9 + 9 + 9 = 45$

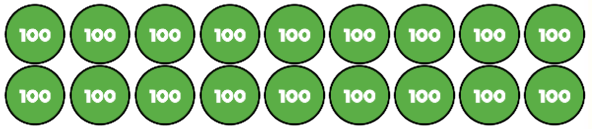
$9 \times 5 = 45$

$5 \times 9 = 45$

2) 9×2 ones $=$ 18 ones

9×2 tens $=$ 18 tens

9×2 hundreds $=$ 18 hundreds



3) $9 \times 2 =$ 18

$9 \times 20 =$ 180

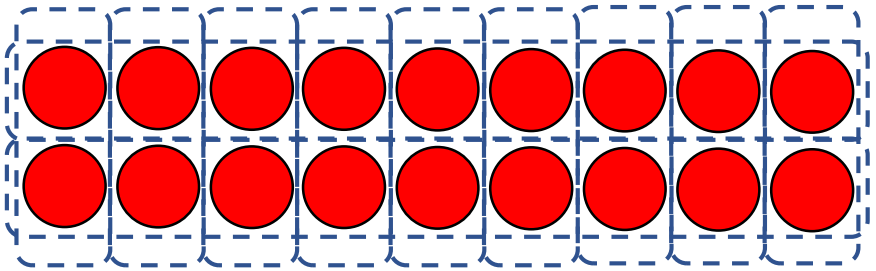
$9 \times 200 =$ 1,800

4) $210 - 21 =$ 189

LET'S LEARN

White Rose Maths

$9 + 9 =$

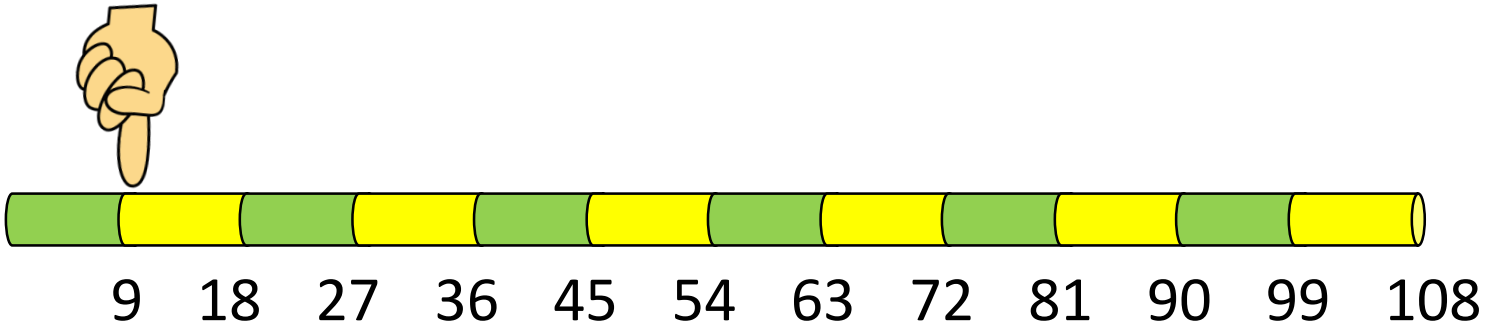


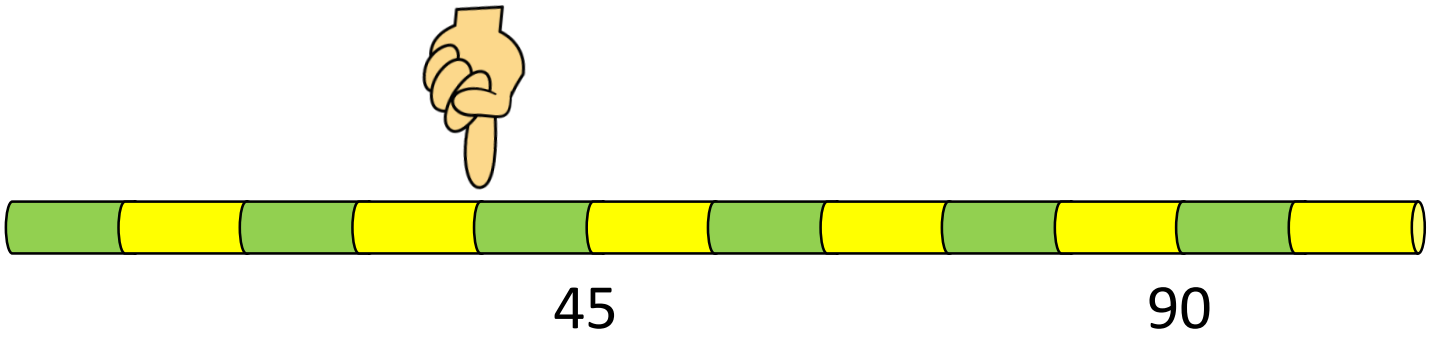
$2 \times 9 =$

$9 \times 2 =$

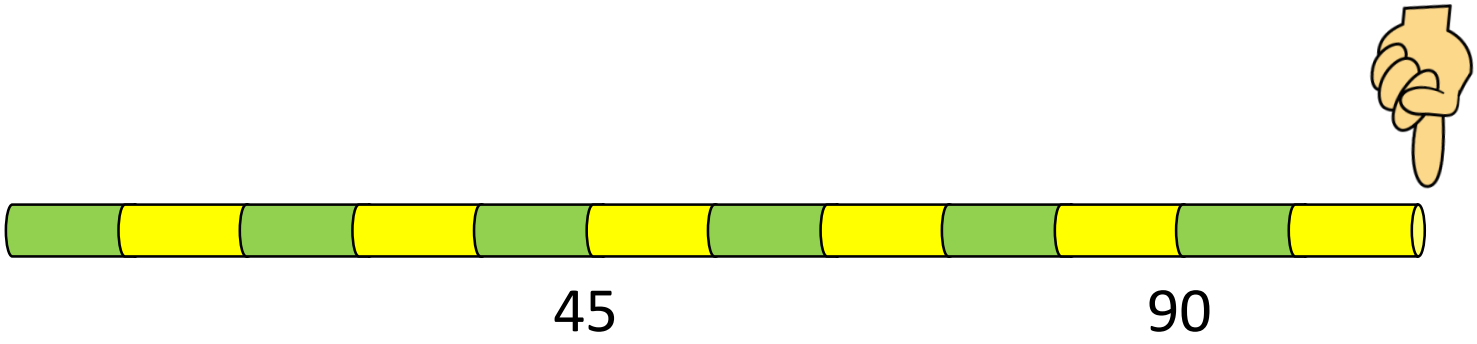
$\div 9 = 2$

$\div 2 = 9$


9
18
27
36
45
54
63
72
81
90
99
108



$$9 \times 4 = \square$$



$$\square \times 9 = 108$$

3	6	9	12	15	18	21	24	27	30	33	36

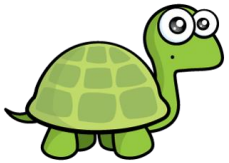
× 3

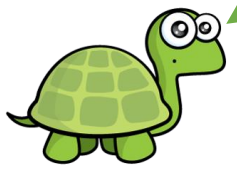
9	18	27	36	45	54	63	72	81	90	99	108

$3 \times 4 = 12$

$9 \times 4 = 36$

So if I know my 3 times-table I can multiply that by 3





OR I can multiply by 10 and then subtract 1 lot

9 x 5 = 45 9 lots of 5

10 x 5 = 50 10 lots of 5

50 – 5 = 45 subtract one lot of 5

makes 9 lots of 5

I know that $21 \times 10 = 210$

$210 - 21 = 189$

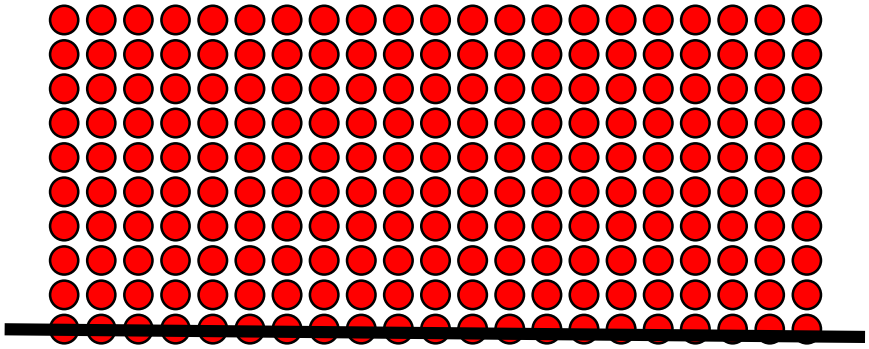
Using what you know about multiplying by 9, how could you solve this?

$$21 \times 9 =$$

21

9

~~10~~



I know that $21 \times 10 = 210$

$210 - 21 = 189$

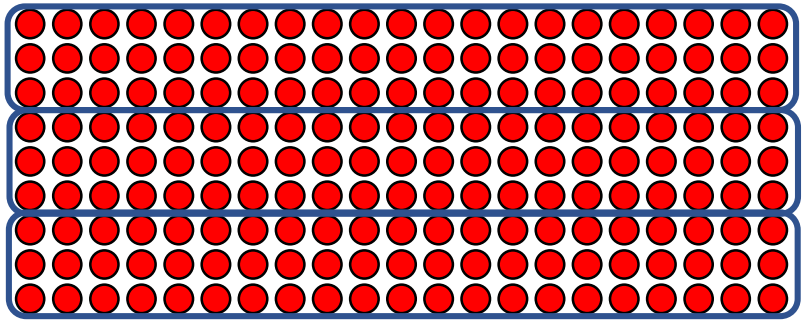
$21 \times 3 = 63$

$63 \times 3 = 189$

$21 \times 9 =$

21

9



21×3

63×3

I know that $21 \times 10 = 210$

$210 - 21 = 189$

$21 \times 3 = 63$

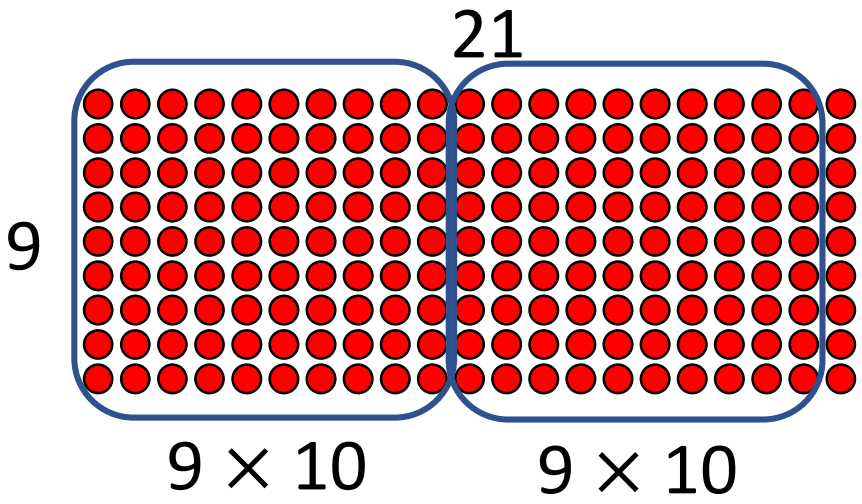
$63 \times 3 = 189$

2×9 is equal to 18 so

20×9 is equal to 180

$180 + 9 = 189$

$$21 \times 9 = 189$$



YOUR TURN

Have a go at the questions on the worksheet

White Rose Maths