Year 4 Spring 1

Meridian Trust

KIRF – I know the 6 and 9 times tables (x and ÷)

A times table is a list of multiples of the given number. They are very important for many calculations. This half term, the children will be learning their 6 and 9 times tables including the division facts.

Questions to ask at home

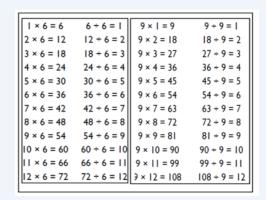What is 6 **multiplied by** 7?
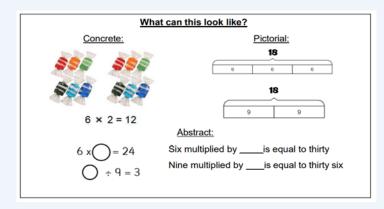
What is 9 **times** 8?

What is 54 **divided by** 9?

1 × 6 = 6	6 ÷ 6 = 1	9 × 1 = 9	9 ÷ 9 = 1
2 × 6 = 12	12 ÷ 6 = 2	9 × 2 = 18	18 ÷ 9 = 2
3 × 6 = 18	18 ÷ 6 = 3	9 × 3 = 27	27 ÷ 9 = 3
4 × 6 = 24	24 ÷ 6 = 4	9 × 4 = 36	36 ÷ 9 = 4
5 × 6 = 30	30 ÷ 6 = 5	9 × 5 = 45	45 ÷ 9 = 5
6 × 6 = 36	36 ÷ 6 = 6	9 × 6 = 54	54 ÷ 9 = 6
7 × 6 = 42	42 ÷ 6 = 7	9 × 7 = 63	63 ÷ 9 = 7
8 × 6 = 48	48 ÷ 6 = 8	9 × 8 = 72	72 ÷ 9 = 8
9 × 6 = 54	54 ÷ 6 = 9	9 × 9 = 81	81 ÷ 9 = 9
10 × 6 = 60	60 ÷ 6 = 10	9 × 10 = 90	90 ÷ 9 = 10
11 × 6 = 66	66 ÷ 6 = 11	9 × 11 = 99	99 ÷ 9 = 11
12 × 6 = 72	72 ÷ 6 = 12	9 × 12 = 108	108 ÷ 9 = 12

What can this look like?

Concrete:

$6 \times 2 = 12$

$6 \times \bigcirc = 24$

$\bigcirc \div 9 = 3$

Pictorial:

18
| 6 | 6 | 6 |

18
| 9 | 9 |

Abstract:

Six multiplied by _____ is equal to thirty

Nine multiplied by _____ is equal to thirty six

Key vocabulary

9 **multiplied by** 3 is **equal to** 27

2 **times** 6 and 6 **times** 2 are **equivalent**

54 **shared by** 6 is **equal to** 9

72 **divided by** 9 equals 8

Things to try

TT Rock Stars – try to log on as much a possible - just 5 minutes practice a day makes a big difference.

Scrapheap Scramble https://www.activelearnprimary.co.uk/login?e=-1&gotourl=/resource/1100227&c=0

Balloon Pop https://www.activelearnprimary.co.uk/login?e=-1&gotourl=/resource/1100565&c=0

Smack the Shack https://www.activelearnprimary.co.uk/login?e=-1&gotourl=/resource/1100607&c=0

Youtube – Type into Youtube '9 times table finger trick' to see a clever way of learning.

https://www.topmarks.co.uk/maths-games/hit-the-button

https://www.timestables.co.uk/

If your child feels confident with their times tables then these resources from nrich will help challenge and develop their thinking:

https://nrich.maths.org/1134   https://nrich.maths.org/10421   https://nrich.maths.org/2726

Top Tips The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day.