KIRF: I know the 6 & 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?

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

What can this look like?

Concrete:
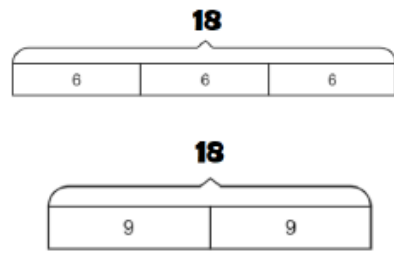
$6 \times 2 = 12$

$6 \times \bigcirc = 24$

$\bigcirc \div 9 = 3$

Pictorial:

18

| 6 | 6 | 6 |

18

| 9 | 9 |

Abstract:

Six multiplied by _____ is equal to thirty

Nine multiplied by ___ is equal to thirty six

Things to try

Chants- Practice chanting the times table.

Double your 3's (for your 6's) – 3x4=12 double 12 equals 24. So 6x4=24

Use 10 times table (for your 9's) – Multiply a number by 10 then subtract off the original number. E.g. 7x10=70 subtract off the original number 70-7=63 so 9x7=63

Websites:

https://ttrockstars.com/ - Ask your teacher to set your TT Rockstar account to focus on the 6's & 9's.

Youtube – Type into Youtube '9 times table finger trick' to see an awesome way of learning your 9's quickly

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