KIRF: I know the 4 times table (× 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 4 times tables including the division facts.

Questions to ask at home

What is 4 **multiplied by** 7?

What is 12 **times** 4?

What is 32 **divided by** 4?

Key vocabulary

4 **multiplied** by 6 is **equal to** 24

2 **times** 4 and 4 **times** 2 are **equivalent**

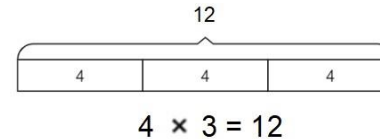24 **shared by** 6 is **equal to** 4

40 **divided by** 4 equals 10

What could this look like?

Concrete:

$4 \times 2 = 8$

Pictorial:

12

| 4 | 4 | 4 |

$4 \times 3 = 12$

Abstract:

$5 \times 4 = 20$

$4 \times 5 = 20$

$20 \div 4 = 5$

Things to challenge

If your child becomes confident with these multiplications try them with missing number questions e.g.

$4 \times \bigcirc = 24$ or $\bigcirc \div 4 = 11$

Things to try

Chants- Practice chanting the times table.
Everyday Objects- Gather together objects and separate them into groups of 4.
Double & Double again - Multiplying by 4 is the same as doubling and doubling again. Double 6 is 12 and double 12 is 24, so 6 × 4 = 24.

Websites:

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

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

$4 \times 1 = 4$	$1 \times 4 = 4$	$4 \div 4 = 1$	$4 \div 1 = 4$
$4 \times 2 = 8$	$2 \times 4 = 8$	$8 \div 4 = 2$	$8 \div 2 = 4$
$4 \times 3 = 12$	$3 \times 4 = 12$	$12 \div 4 = 3$	$12 \div 3 = 4$
$4 \times 4 = 16$	$4 \times 4 = 16$	$16 \div 4 = 4$	$16 \div 4 = 4$
$4 \times 5 = 20$	$5 \times 4 = 20$	$20 \div 4 = 5$	$20 \div 5 = 4$
$4 \times 6 = 24$	$6 \times 4 = 24$	$24 \div 4 = 6$	$24 \div 6 = 4$
$4 \times 7 = 28$	$7 \times 4 = 28$	$28 \div 4 = 7$	$28 \div 7 = 4$
$4 \times 8 = 32$	$8 \times 4 = 32$	$32 \div 4 = 8$	$32 \div 8 = 4$
$4 \times 9 = 36$	$9 \times 4 = 36$	$36 \div 4 = 9$	$36 \div 9 = 4$
$4 \times 10 = 40$	$10 \times 4 = 40$	$40 \div 4 = 10$	$40 \div 10 = 4$
$4 \times 11 = 44$	$11 \times 4 = 44$	$44 \div 4 = 11$	$44 \div 11 = 4$
$4 \times 12 = 48$	$12 \times 4 = 48$	$48 \div 4 = 12$	$48 \div 12 = 4$