



## Key Instant Recall Facts

### Year 4 Autumn Term 2



#### I know multiplication and division facts for the 6 and 8 times tables

By the end of half term, children should know the following facts. The aim is for them to be able to recall them instantly.

$1 \times 6 = 6$	$6 \div 6 = 1$	$1 \times 8 = 8$	$8 \div 8 = 1$
$2 \times 6 = 12$	$12 \div 6 = 2$	$2 \times 8 = 16$	$16 \div 8 = 2$
$3 \times 6 = 18$	$18 \div 6 = 3$	$3 \times 8 = 24$	$24 \div 8 = 3$
$4 \times 6 = 24$	$24 \div 6 = 4$	$4 \times 8 = 32$	$32 \div 8 = 4$
$5 \times 6 = 30$	$30 \div 6 = 5$	$5 \times 8 = 40$	$40 \div 8 = 5$
$6 \times 6 = 36$	$36 \div 6 = 6$	$6 \times 8 = 48$	$48 \div 8 = 6$
$7 \times 6 = 42$	$42 \div 6 = 7$	$7 \times 8 = 56$	$56 \div 8 = 7$
$8 \times 6 = 48$	$48 \div 6 = 8$	$8 \times 8 = 64$	$64 \div 8 = 8$
$9 \times 6 = 54$	$54 \div 6 = 9$	$9 \times 8 = 72$	$72 \div 8 = 9$
$10 \times 6 = 60$	$60 \div 6 = 10$	$10 \times 8 = 80$	$80 \div 8 = 10$
$11 \times 6 = 66$	$66 \div 6 = 11$	$11 \times 8 = 88$	$88 \div 8 = 11$
$12 \times 6 = 72$	$72 \div 6 = 12$	$12 \times 8 = 96$	$96 \div 8 = 12$

#### Key Vocabulary

What is 8 **multiplied by** 6?

What is 6 **times** 8?

What is 24 **divided by** 6?

What is the **product** of 7 and 6?

How many 8s make 72?

They should be able to answer these questions in any order, including missing number questions e.g.  $6 \times \bigcirc = 72$  or  $\bigcirc \div 6 = 7$ .

#### Top Tips

Practise little and often. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: have a fact of the day.

**Play games** – Learn the Times Tables as a chant. There are lots of fun activities on the following links:

[www.topmarks.co.uk/maths-games/7-11-years/times-tables](http://www.topmarks.co.uk/maths-games/7-11-years/times-tables)

[www.timestables.co.uk](http://www.timestables.co.uk)

**Buy one get three free** – If your child knows one fact (e.g.  $3 \times 6 = 18$ ), can they tell you the other three facts in the same fact family?

**Warning!** – When creating fact families, children sometimes get confused by the order of the numbers in the division number sentence. It is tempting to say that the biggest number goes first, but it is more helpful to say that the answer to the multiplication goes first, as this will help your child more in later years when they study fractions, decimals and algebra.

E.g.  $6 \times 12 = 72$ . The answer to the multiplication is 72, so  $72 \div 6 = 12$  and  $72 \div 12 = 6$

