

# Key Instant Recall Facts (KIRFS)

## Year 4 Autumn 2

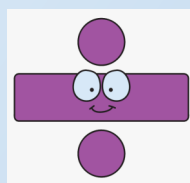
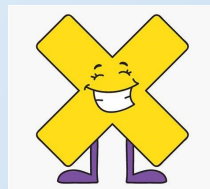


### We are learning ...

To rapidly recall multiplication and division facts for the 3 times table

#### Key Vocabulary

- multiply
- times
- divide
- how many threes?
- 3 five times



#### Key Questions

- What is 7 groups of 3?
- What is 33 divided by 3?
- How many groups of 3 in 18?
- What is 3 eight times?
- What is the missing number?  
 $? \times 3 = 30$

### Key Instant Recall Facts

<b>x3</b>	<b>x3</b>	<b>÷3</b>	<b>÷3</b>
$1 \times 3 = 3$	$3 \times 1 = 3$	$3 \div 3 = 1$	$3 \div 1 = 3$
$2 \times 3 = 6$	$3 \times 2 = 6$	$6 \div 3 = 2$	$6 \div 2 = 3$
$3 \times 3 = 9$	$3 \times 3 = 9$	$9 \div 3 = 3$	$9 \div 3 = 3$
$4 \times 3 = 12$	$3 \times 4 = 12$	$12 \div 3 = 4$	$12 \div 4 = 3$
$5 \times 3 = 15$	$3 \times 5 = 15$	$15 \div 3 = 5$	$15 \div 5 = 3$
$6 \times 3 = 18$	$3 \times 6 = 18$	$18 \div 3 = 6$	$18 \div 6 = 3$
$7 \times 3 = 21$	$3 \times 7 = 21$	$21 \div 3 = 7$	$21 \div 7 = 3$
$8 \times 3 = 24$	$3 \times 8 = 24$	$24 \div 3 = 8$	$24 \div 8 = 3$
$9 \times 3 = 27$	$3 \times 9 = 27$	$27 \div 3 = 9$	$27 \div 9 = 3$
$10 \times 3 = 30$	$3 \times 10 = 30$	$30 \div 3 = 10$	$30 \div 10 = 3$
$11 \times 3 = 33$	$3 \times 11 = 33$	$33 \div 3 = 11$	$33 \div 11 = 3$
$12 \times 3 = 36$	$3 \times 12 = 36$	$36 \div 3 = 12$	$36 \div 12 = 3$

### Top Tips

Buy one get three free – If you know one fact, can you use this fact to work out the other three facts in the same fact family? Here is an example.

If I know  $5 \times 3 = 15$ , I also know  $3 \times 5 = 15$ ,  $15 \div 5 = 3$  and  $15 \div 3 = 5$

Can you solve missing number questions? e.g.  $3 \times ? = 18$  or  $? \div 3 = 11$