

Key Instant Recall Facts (KIRFS)

Year 3 -Spring 1

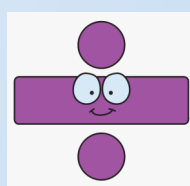
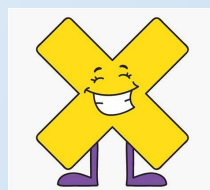


We are learning ...

To rapidly recall multiplication and division facts for the 4 times table

Key Vocabulary

- multiply
- times
- divide
- how many fours?
- 4 five times



Key Questions

- What is 8 groups of 4?
- What is 40 divided by 4?
- How many groups of 4 in 16?
- What is 4 eight times?
- What is the missing number?
 $? \times 4 = 44$

Key Instant Recall Facts

x4	x4	÷4	÷4
$1 \times 4 = 4$	$4 \times 1 = 4$	$4 \div 4 = 1$	$4 \div 1 = 4$
$2 \times 4 = 8$	$4 \times 2 = 8$	$8 \div 4 = 2$	$8 \div 2 = 4$
$3 \times 4 = 12$	$4 \times 3 = 12$	$12 \div 4 = 3$	$12 \div 3 = 4$
$4 \times 4 = 16$	$4 \times 4 = 16$	$16 \div 4 = 4$	$16 \div 4 = 4$
$5 \times 4 = 20$	$4 \times 5 = 20$	$20 \div 4 = 5$	$20 \div 5 = 4$
$6 \times 4 = 24$	$4 \times 6 = 24$	$24 \div 4 = 6$	$24 \div 6 = 4$
$7 \times 4 = 28$	$4 \times 7 = 28$	$28 \div 4 = 7$	$28 \div 7 = 4$
$8 \times 4 = 32$	$4 \times 8 = 32$	$32 \div 4 = 8$	$32 \div 8 = 4$
$9 \times 4 = 36$	$4 \times 9 = 36$	$36 \div 4 = 9$	$36 \div 9 = 4$
$10 \times 4 = 40$	$4 \times 10 = 40$	$40 \div 4 = 10$	$40 \div 10 = 4$
$11 \times 4 = 44$	$4 \times 11 = 44$	$44 \div 4 = 11$	$44 \div 11 = 4$
$12 \times 4 = 48$	$4 \times 12 = 48$	$48 \div 4 = 12$	$48 \div 12 = 4$

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 $5 \times 4 = 20$, I also know $4 \times 5 = 20$, $20 \div 5 = 4$ and $20 \div 4 = 5$

Can you solve missing number questions? e.g. $4 \times ? = 24$ or $? \div 4 = 11$