



10 a day
is the way

Key Instant Recall Facts

Year 3 Spring ii

To know the multiplication and division facts for the 3 times table

Key Facts				Key Vocabulary
3x1=3	1x3=3	3÷3=1	3÷1=3	What is 7 multiplied by 3? What is 3 times 3? What is 24 divided by 3? What is the product of 3 and 5?
3x2=6	2x3=6	6÷3=2	6÷2=3	
3x3=9	3x3=9	9÷3=3	9÷3=3	
3x4=12	4x3=12	12÷3=4	12÷4=3	
3x5=15	5x3=15	15÷3=5	15÷5=3	<u>Example of a Fact Family</u> 9x3=27 3x9=27 27÷3=9 27÷9=3
3x6=18	6x3=18	18÷3=6	18÷6=3	
3x7=21	7x3=21	21÷3=7	21÷7=3	
3x8=24	8x3=24	24÷3=8	24÷8=3	
3x9=27	9x3=27	27÷3=9	27÷9=3	
3x10=30	10x3=30	30÷3=10	30÷10=3	
3x11=33	11x3=33	33÷3=11	33÷11=3	
3x12=36	12x3=36	36÷3=12	36÷12=3	

They should be able to answer these questions in any order, including missing number questions eg $3 \times _ = 18$ or $_ \div 3 = 7$

Top Tips

*The key to success is practising little and often.

*Can you practise these KIRFs while walking to school or on a car journey?

*Use what you already know – if your child knows that $9 \times 3 = 27$, then can they tell you the rest of the fact family?

*WARNING – when creating fact families, children sometimes become confused by the order of the numbers in the division 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 them in later years when they study fractions, decimals and algebra. So – $3 \times 12 = 36$. The answer to the multiplication is 36, so $36 \div 3 = 12$ and $36 \div 12 = 3$

