















Learn by Heart Facts













Year 3

Autumn 2

I know all my number facts for the 3, 4, 6, 8 times tables.

By the end of this half term, you should know the following facts. The aim is for you to recall these facts instantly.

3 Times Table		
	$1 \times 3 = 3$	
	$2 \times 3 = 6$	
	$3 \times 3 = 9$	
	$4 \times 3 = 12$	
	$5 \times 3 = 15$	
	$6 \times 3 = 18$	
	$7 \times 3 = 21$	
	$8 \times 3 = 24$	
	$9 \times 3 = 27$	
	$10 \times 3 = 30$	
	$11 \times 3 = 33$	
	$12 \times 3 = 36$	

Division Facts		
	$3 \div 3 = 1$	
	$6 \div 3 = 2$	
	$9 \div 3 = 3$	
	$12 \div 3 = 4$	
	$15 \div 3 = 5$	
	$18 \div 3 = 6$	
	$21 \div 3 = 7$	
	$24 \div 3 = 8$	
	$27 \div 3 = 9$	
	$30 \div 3 = 10$	
	$33 \div 3 = 11$	
	$36 \div 3 = 12$	

Key Questions

- What is 3 lots of 5?
- What is the product of 3 and 4?
- How many 4 are there in 12?
- Can you group 15 into groups of 3 with no remainders?

You can find posters like these for the other times tables online or in school.

Example of a fact family	$3 \times 5 = 15$	$5 \times 3 = 15$	$15 \div 3 = 5$	$15 \div 5 = 3$
Examples of other facts	$8 \times 6 = 48$	$48 \div 6 = 8$	$4 \times 12 = 48$	48

Top Tips

- The secret to success is practising little and often.
- Can you practise these facts while walking to school or during a car journey? You don't need to practise them all at once; perhaps you could have a fact of the day.
- Buy one get three free - If you know one fact (e.g. $3 \times 5 = 15$), can you recall the other three facts in the same fact family?
- Use doubles and near doubles - If you know that $3 \times 4 = 12$, how can you work out 6×4 ? What about 12×4 ?
- Play games - There are missing number questions at www.conkermaths.com. See how many questions you can answer in just one minute. OR Make your own (dominoes, snap).
- Create a 'guide' or a poster teaching someone about number bonds and fact families.