

Year 4 – Term 3

I know the multiplication and division facts for the 9 times tables.

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

$1 \times 9 = 09$	
$+1 \downarrow \downarrow -1$	
$2 \times 9 = 18$	$9 \div 9 = 1$
$+1 \downarrow \downarrow -1$	
$3 \times 9 = 27$	$18 \div 9 = 2$
$+1 \downarrow \downarrow -1$	
$4 \times 9 = 36$	$27 \div 9 = 3$
$+1 \downarrow \downarrow -1$	
$5 \times 9 = 45$	$36 \div 9 = 4$
$+1 \downarrow \downarrow -1$	
$6 \times 9 = 54$	$45 \div 9 = 5$
$+1 \downarrow \downarrow -1$	
$7 \times 9 = 63$	$54 \div 9 = 6$
$+1 \downarrow \downarrow -1$	
$8 \times 9 = 72$	$63 \div 9 = 7$
$+1 \downarrow \downarrow -1$	
$9 \times 9 = 81$	$72 \div 9 = 8$
$+1 \downarrow \downarrow -1$	
$10 \times 9 = 90$	$81 \div 9 = 9$
$+1 \downarrow \downarrow -1$	
$11 \times 9 = 99$	$90 \div 9 = 10$
$+1 \downarrow \downarrow -1$	
$12 \times 9 = 108$	$99 \div 9 = 11$
	$108 \div 9 = 12$

blip: stays the same $\downarrow \downarrow$ back to 9

They should be able to answer these questions in any order, including missing number questions e.g. $? \times 9 = 54$ or $? \div 9 = 11$.

Top Tips

The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs 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 family of the day. If you would like more ideas, please speak to your child's teacher.

- ▶ There's a nice number pattern in the 9 times table that some children find helps them: the ones number goes down in ones and the tens number goes up in ones. (You'll notice that there's a blip at 11×9 , but then the pattern picks up again):
- ▶ What do you already know? - Your child will already know many of these facts from other times tables. It might be worth practising these again!

The 9 times table trick

There's a great trick for recalling the 9 times table which some children really enjoy:

To find 4×9 :

1. Hold out both hands in front of you.



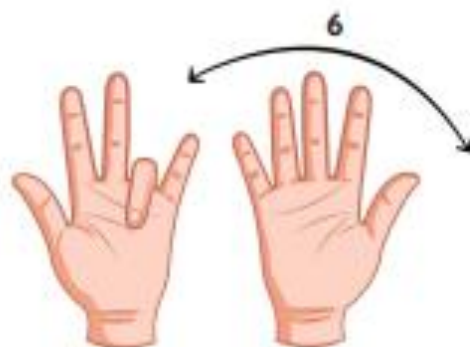
2. To find 4×9 , count in 4 fingers from the left, and hold down this finger.



3. Count all the fingers before the one that's held down – 3. This is first number in your answer.



4. Count all the fingers after the one that's held down – 6. This is the last number of your answer.



So the answer to 4×9 is 36.

And it works for all the 9 times table up to 10×9 . Give it a go!