

# Learning the 9 Times Table the Easy Way!

What patterns can you see?

The number of nines is one **more** than the number of tens in the answer.

So, for  $9 \times 6$  we know that the number of tens is one less than 6 (5) and we know that the tens and the ones add to make nine (4) so the answer must be 54! If you know your bonds to nine then the nine times table is easy!!

This is why the hand trick works!

The tens and ones add to make nine.

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

## The Hand Trick

Open both hands, palms facing towards you so you can see all ten digits (fingers and thumbs). To work out  $9 \times 5$  put down your 5<sup>th</sup> digit.

You now have 9 digits up - 4 digits to the left (4 tens, one less than the number of nines) and 5 digits to the right (number of ones to make 9).

Answer = 45

