

Year 4 - Multiplication methods

Grid method - 3 digit $\times$ 1 digit

$$\begin{array}{r} 324 \times 3 = \\ \text{300} \quad \text{20} \quad \text{4} \end{array}$$

	300	20	4	
3	900	+ 60	+ 12	= 972
	①	②	③	

I know $3 \times 3 = 9$
so I know $300 \times 3 = 900$

I know $3 \times 2 = 6$
so I know $3 \times 20 = 60$

Columns

- This involves the same steps as the grid method but it is set out differently. Look at ① ② ③ ④

$$\begin{array}{r} 324 \\ \times 3 \\ \hline \text{③ } 12 \quad (3 \times 4) \\ \text{② } 60 \quad (3 \times 20) \\ \text{① } 900 \quad (3 \times 300) \\ \hline \text{④ } 972 \end{array}$$