

LO: I can multiply 1-digit and 2 or 3-digit numbers using the column method

Warm-up: Can you roll 2 dice, pick two playing cards or get someone to shout two numbers at you? Add the numbers together quickly, do this a few times and then find the difference between the two numbers – do this a few times again and then multiply the two numbers together!

Continue these sequences:

20 40 60 \_\_\_

11 22 33 \_\_\_

300 400 500 \_\_\_

25 50 75 \_\_\_

Can you come up with some sequences of your own?

**Main Learning:** Today we are going to be practicing the column multiplication that we started to learn about last week. If you need a reminder, go back and have a look at my YouTube video explaining the process.

For these questions, write out and complete, the column method, the expanded form and the grid method as in this example for  $4 \times 18 =$

$$\begin{array}{r} 18 \\ \times 4 \\ \hline 32 \\ 40 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 10 + 8 \\ \times 4 \\ \hline 40 + 32 \end{array}$$

$$\begin{array}{r|l|l} \times & 10 & 8 \\ \hline 4 & 40 & 32 \\ \hline & 40 & \\ + & 32 & \\ \hline & 72 & \end{array}$$

Year 3	Year 4
$4 \times 19 =$	$3 \times 26 =$
$8 \times 25 =$	$4 \times 74 =$
$4 \times 75 =$	$3 \times 123 =$
$3 \times 123 =$	$4 \times 681 =$
$5 \times 144 =$	$8 \times 593 =$