

Multiplication strategies / methods

Method 1: Partitioning

$$123 \times 4 = (100 \times 4) + (20 \times 4) + (3 \times 4) = 400 + 80 + 12 = 492$$

Multiply using partitioning strategy in your notebook.

- 1) $136 \times 2 =$
- 2) $241 \times 3 =$
- 3) $306 \times 4 =$
- 4) $204 \times 3 =$
- 5) $105 \times 5 =$

Method 2: Grid method

$$123 \times 4 = 492$$

$\times$	100	20	3
4	400	80	12

$$= 492$$

Multiply using grid strategy in your notebook.

- 1) $136 \times 2 =$
- 2) $241 \times 3 =$
- 3) $306 \times 4 =$
- 4) $204 \times 3 =$
- 5) $105 \times 5 =$

Method 3: Compact method

$$123 = 100 + 20 + 3$$

$$\begin{array}{r} \times 4 \\ \hline 400 \\ 80 \\ 12 \\ \hline 492 \end{array}$$

Multiply using compact strategy in your notebook.

- 1) $136 \times 2 =$
- 2) $241 \times 3 =$
- 3) $306 \times 4 =$
- 4) $204 \times 3 =$
- 5) $105 \times 5 =$