

Monday 6<sup>th</sup> July 2020

Maths - Formal Multiplication

**POD 2** - Complete section B or C. Have a go at completing the multiplication with decimal numbers. Use formal methods (column) in the same way, just make sure you put in the decimal point in your answer boxes first.

**TARGET** To practise short multiplication of whole numbers and decimals.

*Examples*

Work from the right and carry.

$$\begin{array}{r} \times 3975 \\ \hline 27825 \\ \hline 653 \end{array}$$

$$\begin{array}{r} \times 40.28 \\ \hline 241.68 \\ \hline 1.4 \end{array}$$

Align decimal points.

**A**

Copy and complete.

- |   |                              |    |                              |
|---|------------------------------|----|------------------------------|
| 1 | 138                          | 7  | 90.5                         |
|   | $\times \underline{\quad} 3$ |    | $\times \underline{\quad} 4$ |
| 2 | 746                          | 8  | 87.2                         |
|   | $\times \underline{\quad} 2$ |    | $\times \underline{\quad} 8$ |
| 3 | 295                          | 9  | 94.2                         |
|   | $\times \underline{\quad} 6$ |    | $\times \underline{\quad} 3$ |
| 4 | 327                          | 10 | 73.5                         |
|   | $\times \underline{\quad} 9$ |    | $\times \underline{\quad} 5$ |
| 5 | 680                          | 11 | 51.9                         |
|   | $\times \underline{\quad} 5$ |    | $\times \underline{\quad} 9$ |
| 6 | 194                          | 12 | 17.4                         |
|   | $\times \underline{\quad} 7$ |    | $\times \underline{\quad} 6$ |

**B**

Copy and complete.

- |   |                               |    |                               |
|---|-------------------------------|----|-------------------------------|
| 1 | 2067                          | 7  | 84.35                         |
|   | $\times \underline{\quad} 5$  |    | $\times \underline{\quad} 3$  |
| 2 | 1859                          | 8  | 376.2                         |
|   | $\times \underline{\quad} 4$  |    | $\times \underline{\quad} 9$  |
| 3 | 4283                          | 9  | 253.8                         |
|   | $\times \underline{\quad} 8$  |    | $\times \underline{\quad} 7$  |
| 4 | 6174                          | 10 | 39.26                         |
|   | $\times \underline{\quad} 7$  |    | $\times \underline{\quad} 4$  |
| 5 | 7398                          | 11 | 94.07                         |
|   | $\times \underline{\quad} 11$ |    | $\times \underline{\quad} 12$ |
| 6 | 5916                          | 12 | 617.5                         |
|   | $\times \underline{\quad} 6$  |    | $\times \underline{\quad} 8$  |

**C**

Work out

- 1  $13\,269 \times 6$
- 2  $54\,706 \times 3$
- 3  $29\,548 \times 12$
- 4  $161\,437 \times 5$
- 5  $47\,095 \times 8$
- 6  $135\,176 \times 7$
- 7  $269\,840 \times 9$
- 8  $183\,501 \times 11$
- 9  $392.19 \times 4$
- 10  $73.867 \times 2$
- 11  $9267.4 \times 11$
- 12  $24.908 \times 7$
- 13  $613.57 \times 9$