

## Maths Homework

We have been looking at multiplication methods this week. Choose a challenge and use your preferred method (grid method or long multiplication) to answer the questions.

Example:  $241 \times 15$

X	200	40	1
10	2000	400	10
5	1000	200	5
	3000 +	600+	15 = 3615

$$\begin{array}{r} 241 \\ \times 15 \\ \hline 1205 \\ +2410 \\ \hline 3615 \end{array}$$

Remember that when you are multiplying bigger or decimal numbers using the long multiplication method, you can always use the grid method to check that you are on the right tracks.

The challenges are on the back.

Good luck!

## Bronze

1.  $86 \times 23$

2.  $96 \times 57$

3.  $70 \times 62$

4.  $752 \times 48$

5.  $663 \times 75$

6.  $490 \times 38$

## Silver

1.  $638 \times 87$

2.  $849 \times 97$

3.  $7081 \times 66$

4.  $7756 \times 48$

5.  $3694 \times 78$

6.  $6497 \times 98$

## Gold

1.  $35 \times 6.1$

2.  $6.5 \times 8$

3.  $2.5 \times 93$

4.  $63 \times 7.5$

5.  $142 \times 8.2$

6.  $163 \times 6.7$

## Platinum

1.  $43.2 \times 6.5$

2.  $7.5 \times 38.6$

3.  $96.7 \times 93.2$

4.  $73.3 \times 43.7$

5.  $35.22 \times 48.9$

6.  $67.81 \times 83.75$