

Here are the four methods for working out 246 multiplied by 34.  
Can you make sense of them?

Grid Multiplication

	200	40	6
30	6000	1200	180
4	800	160	24

$$\begin{array}{r}
 6000 \\
 1200 \\
 + 180 \\
 800 \\
 160 \\
 24 \\
 \hline
 8364
 \end{array}$$

Column Multiplication

$$\begin{array}{r}
 246 \\
 \times 34 \\
 \hline
 984 \\
 7380 \\
 \hline
 8364
 \end{array}$$

Gelosia Multiplication

	2	4	6	
0	6	2	8	3
0	8	6	4	4

8 3 6 4

Multiplying with Lines

