

Grid Method for Multiplication

Grid Method – part 1

$$255 \times 5 = ?$$

First split the number into hundreds, tens and units.

255 splits into **200**, **50**, **5**

Then, multiply each of the numbers by 5.

$$200 \times 5 = 1000$$

$$50 \times 5 = 250$$

$$5 \times 5 = 25$$

This can be
placed in a grid

Grid Method – part 2

$$255 \times 5 = ?$$

x	200	50	5
	200 x 5	50 x 5	5 x 5
5	1000	250	25

Finally, add the three numbers together to get your answer.

1000	+	250	+	25	=	1275
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So $255 \times 5 = 1\,275$

Grid Method – part 1

$$255 \times 25 = 6375$$

First, split the numbers up.

255 splits into **200**, 50 and **5**. These go along the top of the grid.

25 splits into **20** and **5**. These go down the sides.

Put the numbers on the grid

Grid Method – part 2

$$255 \times 25 = 6375$$

x	200	50	5
20	4000	1000	100
5	1000	250	25

Add up each column, then add the resulting numbers together.

4000	+	1000	+	100	=	5100
1000	+	250	+	25	=	1275
						6375