Multiplication

Grid method

A good way to visualise multiplying 2 numbers together,
by splitting them into parts

Example: 23 x 37

X	20 (tens)	3 (units)	Total
30 (tens)	20x30 = 600	3 x 30 = 90	600 + 90 = 690
7 (units)	20 x 7 = 140	3 x 7 = 21	140 + 21 = 161
			690 + 161 = 851

Column method

A way of multiplying by putting one number on top of the
other

Example: 23x37

```
    2 3
  x 3 7
  ─────
  1 6 1
  6 9 0
  ─────
  8 5 1
  ─────
```

First, multiply 23 by 7 to give the first line, by finding
3x7 and then 2x7.

Then a place holder (0) must be added into our
second column because we are multiplying by 30,
instead of 3.

Then proceed to multiply 23 by 3

Finally, add together the 2 rows found like a column
addition problem