

Place value BLOCKBUSTERS!

Number

Amount

1.8				100
2	×			10
24	→	or	→	1
12		÷		0.1
3				0.01
15				0.001

18	240	0.02	0.015	3	12
0.3	180	0.012	2.4	0.15	0.002
0.24	1.5	0.03	200	0.12	0.18
2	1200	1.8	0.024	150	300
1.2	0.018	24	15	0.003	0.2
30	1500	20	1800	2400	120

Notes

The sheet should be printed/photocopied onto an OHP transparency. You will also need 1 sheet for every two pupils as well as plenty of counters of at least two different colours.

It is most easily explained playing against either the whole class or a single pupil using the OHP.

It's a 2 player game. Using counters, the idea is to determine the percentage of the amount, you may only use each possibility once in a game, to make one of the answers in the grid until you have an unbroken line of counters going from one side to another. Player 1 goes top to bottom, while player 2 goes left to right say.

There are 36 possible answers. Why? A possible discussion point, perhaps that could be related to probability i.e. 2 dice.