


The Puzzler


In a magic square the sum of each column, row and diagonal is the same – this is the magic number. Complete these magic squares. What is the magic number for each magic square?

In this magic square all the decimals are less than 1.



	0.1	
		0.3
		0.4

In this magic square all the decimals are less than 4.



		3.2
	2.8	
2.4		

Around the World


The table on the right shows the land area for each of the seven continents.

By referring to the table we can make the following statements:

The combined land areas of Australia (+ Oceania), Europe and Antarctica are slightly more than the area of Africa.

The land area of Europe is slightly less than one-third of the area of Africa.

Write other statements comparing the land areas of each of the 7 continents.



Continental land areas (in million square kilometres)	
Africa	30.065
Antarctica	13.209
Asia (+ Middle East)	44.579
Australia (+ Oceania)	7.687
North America	24.256
South America	17.819
Europe	9.938



The Puzzler

Place decimal points in each calculation so that each answer is correct.

$$34 + 78 = 11.2$$

$$78 + 96 + 14 = 31.4$$

$$84 - 56 = 2.8$$

$$437 + 89 - 264 = 26.2$$

$$46 \times 128 = 58.88$$

$$235 + 612 + 515 = 34.77$$

$$55 + 63 + 124 - 307 = 9.97$$

$$8456 + 376 + 1482 - 3501 = 54.792$$

What strategies did you use to work out where the decimal points belong?

