How Much Water is in a Swimming Pool?

Here's an easy way to work it out. A litre of water has a volume of 10 cm long x 10 cm deep x 10 cm high (this is the size of an MAB 1000 block). It therefore follows that a cube of water, 1 metre on each side, is 10 x 10 x 10 times bigger, and must equal 1000 litres.

Find a pool that is rectangular, or a variation on it, such as kidney shaped.

Measure the length, width and estimated average depth (estimated depth is roughly the shallow end and the deep end added together and then divided by two) of a rectangular pool in metres.

Length: _________
Width: _________
Depth: _________

Now multiply these three metre measures together and you will have calculated the pool's capacity in 1000s of litres, which are called kilolitres.

__________ kilolitres

A litre of water weighs 1 kilogram. What is the weight of the water in the pool?

__________ kilograms

If you think that a car weighs about 1200 kilograms, it is no wonder that a pool is lined with concrete!