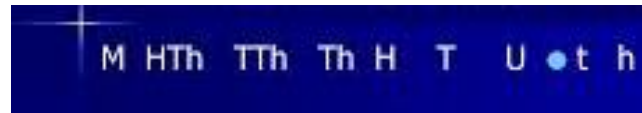# Dividing by 10, 100 and 1000

To divide a number by 10, we move the digits one place to the right, one place for each zero. The number becomes 10 times smaller.

To divide a number by 100, we move the digits two places to the right, one place for each zero. The number becomes 100 times smaller.

To divide a number by 1000, we move the digits three places to the right, one place for each zero. The number becomes a thousand times smaller.

When we write decimals it is usual to write a zero in the units' column when there are no whole numbers.