Face value and Place value of numbers:

A number in itself has a face value as in the form of 5, 7, or 3. However, its place value is dependent on its position in a number. Thus

in the number 573, the place value of 7 is 70 or 7 tens,

in the number 753, the place value of 7 is 700 or 7 hundred, and

in the number 0.0735, the place value of 7 is 0.07 or 7 hundredths.

5632.423

is the sum of

5,000 – 5 thousand

600 – 6 hundred

30 – 3 tens

2 – 2 units

0.4 – 4 tenths

0.02 – 2 hundredths

0.003 – 3 thousandths, and so on.

A two digit number can be expressed as 10x + y. Reversing the digits will make it 10y + x.