Use of Decimals

Let us learn about some uses of decimal notation in money transactions, measuring lengths, weight etc with following examples:

Money

Example: Converting 165 paisa to Re.

As we know, 1 paisa = Re 1/100

So, 165 paisa = Re 165 × (1/100) = Re 165/100 = Rs. 1.65, which is Re 1 and 65 paisa

Length

Example: Converting 276 cm into meters.

As we know, 100 cm = 1 m

So, 1 cm = 1/100 m

276 cm = 276 × (1/100) m = 276/100 m = 2.76 m

Weight

Example: Converting 250 gm to kg

As we know, 1000 gm = 1 kg

So, 1 gm = 1/1000 kg

250 gm = 250 × (1/1000) kg = 250/1000 kg = 0.250 kg