

Using Decimal



Let us learn about some uses of decimals 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 $165 \times (1/100)$ = 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 = $276 \times (1/100)$ 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 = $250 \times (1/1000)$ kg = $250/1000$ kg = 0.250 kg