

Simple Interest

If,

Principal amount = Rs. P

Rate of Interest = R% P.A

Time = t years

Then,

Simple Interest

$$(SI) = \frac{P \times R \times t}{100}$$

And

Amount A = Principle + Simple Interest

$$\text{Or, } A = P + \frac{P \times R \times t}{100}$$

$$\text{Or, } A = P \left(1 + \frac{R \times t}{100}\right)$$

$$A = P \left(1 + \frac{R \times t}{100}\right)$$