

## 1 | eEeeee

Step 1: Know what simple interest/compound interest is.

### 1.1 | Simple Interest Review

$P = \text{principle}$

$r = \text{interest}$

$t = \text{time}$

$$SI = p \times r \times t$$

### 1.2 | Compound interest

$P = \text{principle}$

$r = \text{interest}$

$t = \text{time}$

$p = \text{compounding per annum}$

$$CI = P\left(1 + \frac{r}{p}\right)^{tp}$$

### 1.3 | E

$$e = \left(1 + \frac{1}{x}\right)^x$$