

ARITMATIKA SOSIAL



Untung / laba

harga jual - harga beli

Rugi

harga beli - harga jual

% laba

$$\frac{\text{laba}}{\text{h. beli}} \times 100\%$$

% Rugi

$$\frac{\text{rugi}}{\text{h. beli}} \times 100\%$$

Harga jual

$$\frac{100 + \text{persentase laba}}{100} \times \text{harga beli}$$

atau

$$\frac{100 - \text{persentase rugi}}{100} \times \text{harga beli}$$

Harga Beli

$$\frac{100}{100 + \text{persentase laba}} \times \text{harga jual}$$

atau

$$\frac{100}{100 - \text{persentase rugi}} \times \text{harga jual}$$



Bunga

• tahunan

$$\text{Bunga} = P \times M_u \times t$$

• bulanan

$$\text{Bunga} = \frac{P \times M_o \times t}{12}$$

• harian

$$\text{Bunga} = \frac{P \times M_o \times t}{360}$$

- P = suku bunga (%)

- M_o = modal awal

- t = jumlah tahun
bulan / hari