

Markup/Tax

20%

$$\# \times 1.20 = \text{Ans}$$

$$\# \times \overset{\text{OR}}{0.20} = \text{Ans}$$

(But Add it on)

Discount (Sale)

15% off

$$\# \times 0.15 = \text{Ans.}$$

(But then Subtract
OR

$$\# \times 0.85 = \text{Ans.}$$

Currency Exchange

Think Bank.

Think FOR currency

$$\frac{1 \text{ FOR}}{\text{Rate}^{\text{CAD}}} = \frac{\text{FOR}}{\text{CAD.}}$$

$$\text{Percent Markup} = \frac{\text{Markup}}{\text{Org.}} = \frac{\text{New} - \text{Org.}}{\text{Smaller}}$$

$$\text{Percent Saved} = \frac{\text{Saved}}{\text{Org.}} = \frac{\text{Org.} - \text{New}}{\text{Bigger}}$$

$$\text{Percent Paid} = \frac{\text{Paid.}}{\text{Org.}} = \frac{\text{Paid}}{\text{Org.}}$$

\$ 500 CAD \longrightarrow \$ 415 US

$$\frac{1}{\text{rate}} = \frac{\text{FOR}}{\text{CAD}}$$

$$\frac{1}{X} = \frac{415}{500}$$