

- $x\% = \frac{x}{100}$
- Increase by  $x\%$  → New value = Old  $\times \left(1 + \frac{x}{100}\right)$
- Decrease by  $x\%$  → New value = Old  $\times \left(1 - \frac{x}{100}\right)$
- Successive change

$$\text{Net \% change} = a + b + \frac{ab}{100}$$

- If A is  $x\%$  more than B →  
B is  $\frac{x}{100 + x} \times 100\%$  less than A