

**first trick is to get split the number for percentage**

**second trick is to get 1% ,10% and get yo answer.**

**third trick is to interchange the number so that you can multiply in a easier way if possible**

## **percentages on constant increase and decrease**

- if they increase and decrease by same amount then the difference in the amount is.

**$\frac{x^2}{100}$  % of the initial.**

**and is always less**

## **percentages on different increase and decrease**

$$\text{delta} = x + y + \frac{x * y}{100}$$

**the signs of x and y depend on increase or decrease**

**third way is to multiply such a way that their product is 100, and calculate the %change**

**the best way is to assume 100 as the product and apply the changes.**

# THE ORDER IS IMP.

## where certain thing must remain constant

- put the percentage in fraction and simplyfy it
- decrease the denominator by numerator
- thats ur answer.

### example

10. Price of wheat decreased by 16% by what percent should the consumption increase to keep the overall cost same.

A. 19 %

B. 14 %

C. 18 %

D. 15 %

$$\frac{16}{100} \Rightarrow \frac{4}{25} \Rightarrow \frac{4}{21}$$

and thats ur answer in decimal