how
$$(\sqrt{3}-\sqrt{2})^{2} = (\sqrt{2}-\sqrt{2})^{2}$$
how
$$(\sqrt{3}-\sqrt{2})^{2} = (\sqrt{3})^{2} = 2\sqrt{3}E + (\sqrt{2})^{2}$$
hy the fromula  $(a-b)^{2} = a^{2} - 2ab + b^{2}$ 

$$3 - 2\sqrt{6} + 2$$

$$= 5 - 2\sqrt{6}$$

$$= 5 - 2 \times 9.449$$

$$= 5 - 4.898$$

$$= 0.102 \text{ mpNotesale.co.uk}$$

$$= 0.102 \text{ mpNotesale}$$

$$Rule I = a / b + b / c + c / a$$

$$= \sqrt{a} / b + c / a$$

$$= \sqrt{a} / b / c$$
Rule I =  $\sqrt{a} \times \sqrt{b} \times \sqrt{c}$ 

$$= \sqrt{a} / a$$

$$Rule II = \sqrt{a} \times \sqrt{b} \times \sqrt{c}$$

$$= \sqrt{a} / a$$

$$= \sqrt{a} / a$$

3

E

## Indies and Sunds [class Motes]

Indics: - When mulliple of any Number Put upto its number as a power, Such as an, ar axaxa-----n times

> them axaxa -- +n = an → a is base of the cours and
>
> → n itom Notesale. Chauses and
>
> preview from 120 mm 4
>
> preview page 6x6x6 = 63

{ 6 multiply three thus,}

Variable involter such as ax, by, z

non-variable 34,78, V4

Exaponential indies = ex (function)

where value of e = 2.718 (approximate