

THIS METHOD WILL BE VERY USEFUL WHEN THE VALUE OF 'e' IS NOT GIVEN

Suppose you have to calculate value of $e^{0.556}$

For this you have to remember value of "e". Value of e = 2.71828

It means we have to calculate the value of $2.71828^{0.556}$

Follow following step on calculator:

STEP – 1 = 2.71828 $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ $\sqrt{}$ (i.e press 12 times: square root)

STEP – 2 = - 1 (i.e. press "minus", then "one")

STEP – 3 = X 0.556 (i.e. press "Multiply", then "0.556")

STEP – 4 = + 1 (i.e. press "Plus", then "1")

STEP – 5 = X = X = X = X = X = X = X = X = X = X = X = X = (i.e. press 12 times: "multiply" and "=")

Now you have 1.74373 on your calculator.

--it means $e^{0.556} = 1.7437$