Tricks for calculator :-

$x^{\underline{n}}$ Integer = x x = = = = = till (n+1)

$x^{\underline{n}}$ fraction =

- $\sqrt{}$ $\sqrt{}$ ... 12 times
- -1 =
- x n =
- +1 =
- x= x= ... 12 times

To find n

$$\frac{\log a}{\log b} = n$$

Press a
√ √ 15 times.
−1 =
÷ 0.000027027178

To find r

$$a = \left(1 + \frac{r}{100}\right)^n$$

$$a^{\frac{1}{n}} = 1 + \frac{r}{100}.$$

Press a
√ √ 12 times.
−1 =
÷ n =
+ 1 =
× = × 12 times

$$x^{-n} = \frac{1}{x^n}$$

1) x^n : by the above formula
2) $\frac{a}{b}$ =