

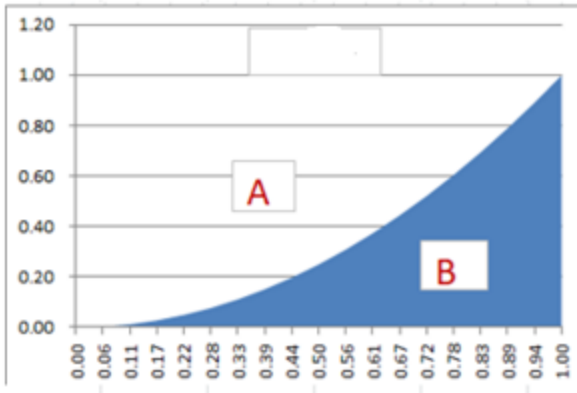
A quick note on business calculus

“Definite integral value from 0 to 1:
AB ratio is proportional to the order of $y=x^n$ ”

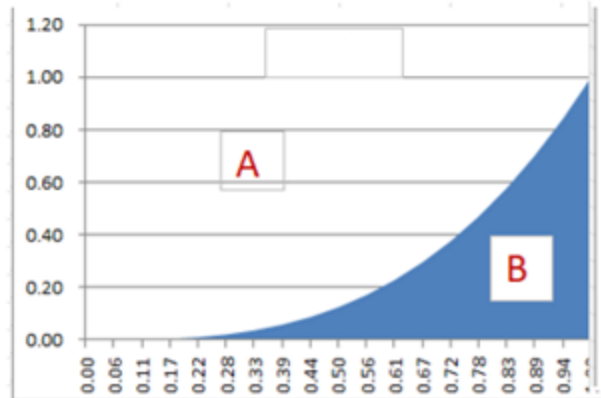


Definite integral value from 0 to 1: AB ratio is proportional to the order of $y=x^n$

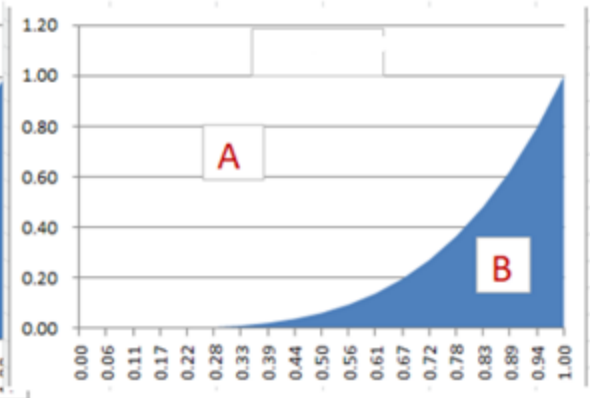
$y=x^2$ A=0.666 B=0.3333
A:B=2:1



$y=x^3$ A=0.75 B=0.25
A:B=3:1



$y=x^4$ A=0.8 B=0.2
A:B=4:1



Although it is a coincidence, there is an interesting relationship! (The same result will be obtained if the definite integral range is set to 0 to 1 or 0 to any number.)

