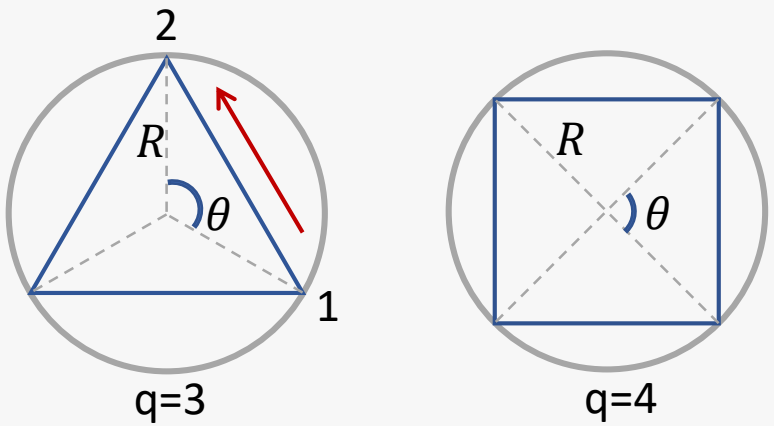
q: number of points on the circle



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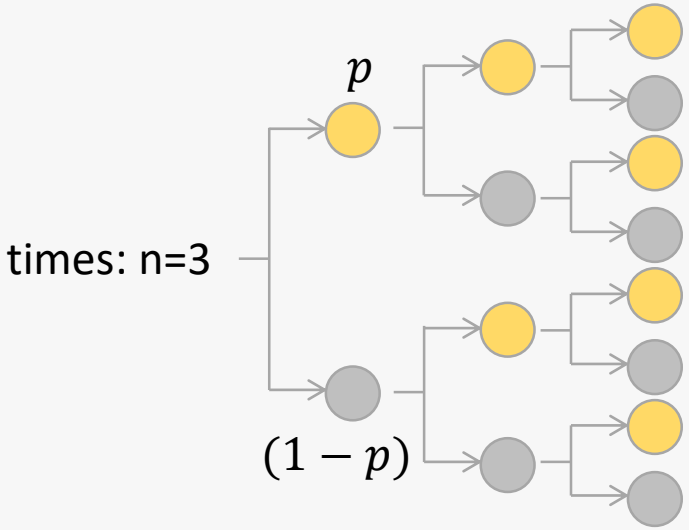
$L = 2qRsin(\theta) \quad \theta = 360°/q$

$q \to \infty$ then $L \to 2\pi R$



……

$P = (1-p)^3$

$P = p^3$

$n \to \infty$ then $(1-p)^n \to 1 - np$