

$$|P(A)| = 2^{|A|}$$

v) ~~$|P(A)|$~~ $|P\{a, b, c, d\}| = 2^4 = 16$

vi) $|P\{\text{apple}\}| = 2^1 = 2$

vii) $|P\{\}| = 2^0 = 1$