

$2 \cdot \frac{1}{2} = 0.5$ (Coy.)

$S=2 \cdot \frac{1}{2} = 0.5$

Group A	Group B
H/T	H/T
H	T
T	T
T	H

HHH	HTH	HTT
TTT	THT	TTH
TTH	HHT	8

2^3

k^n

$\frac{1}{8}$

$S \rightarrow 8 \cdot \frac{1}{8}$

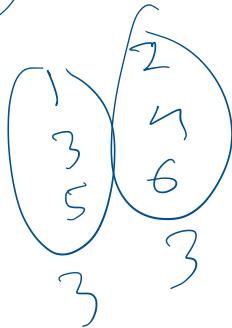


Dice w/ Six Sides

1 time, Probability of getting 5

$P(5) = \frac{1}{6} = \frac{k}{S}$

$P(\text{Even}) = \frac{3}{6} = 0.5$



Properties:

$$1. P(S) = 1$$

$$2. 0 \leq P(A) \leq 1$$

$$3. P(\bar{A}) = 1 - \frac{P(A)}{\quad} \quad \begin{array}{l} \text{Complement} \\ \text{Rule} \end{array}$$

$$4. P(\text{at least 1}) = 1 - P(\text{None}) \\ = 1 - \frac{48}{52}$$