

$$P(\emptyset) = 0$$

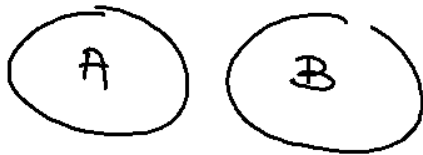
$$P(S) = 1 \quad P\{A\} = \{0 < x < 1\}$$

$$P(\text{Valle M\u00e9xico}) = 55\% = 0.55$$

$$P(A) = 1 - P(A^c)$$

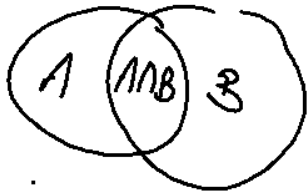
$$P(A) + P(A^c) = 1$$

$$P(A \cup B) = P(A) + P(B) - P(A \cap B)$$



$$P(A - B) = P(A) - P(A \cap B)$$

$$A \subset B$$



$$P(A) \leq P(B)$$

$$A = \{x \mid x \text{ es no par}\}$$
$$= \{1, 3, 5\}$$

$$B = \{x \mid x \text{ es menor 4}\}$$
$$= \{1, 2, 3\}$$

ESPACIO MUESTRAL DE UN DADO $P(A) = \frac{3}{6}$
 $P(B) = \frac{3}{6}$

$$S = \{1, 2, 3, 4, 5, 6\}$$

$$A \cap B = \{1, 3\} = P(A \cap B) = \frac{2}{6}$$

$$P(A) = \frac{3}{6}$$

$$A = \{1, 3, 5\}$$

$$P(B) = \frac{3}{6}$$

$$B = \{1, 2, 3\}$$

$$P(A \cap B) = \frac{2}{6}$$

$$A \cap B = \{1, 3\}$$

$$(A \cap B) \subset A$$

$$P(A \cap B) \leq P(A)$$

$$P(A_s) = \frac{1}{52} + \frac{1}{52} + \frac{1}{52} + \frac{1}{52} \Rightarrow \frac{4}{52}$$

$$P(k_{cr}) = \frac{1}{52} \Rightarrow 1.923\% \quad \left. \vphantom{\frac{1}{52}} \right\} = \underline{7.6923\%}$$

$$P(\#) = 1 - \frac{16}{52} = \frac{36}{52} \Rightarrow 69.23\%$$

$$P(R, Q, J, A) = \frac{16}{52} = 30.77\%$$

$$P(\overset{13}{\text{red}}) = \frac{13}{52} = \frac{1}{4} = 25\%$$

$$\bigcap_{j=1}^i =$$

$$\bigcup_{i=1}^j =$$