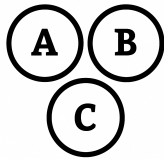


# C

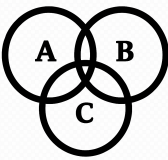
## Classic Probability

# C



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

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



$$P(E) = |E|/|S| = 3/6 = 0.5$$

?

$$S = \{(i, j) \mid i \in \{1, 2, 3, 4, 5, 6\}, j \in \{1, 2, 3, 4, 5, 6\}\}$$

$$E = \{(5, 6), (6, 5), (6, 6)\}$$

$$P(E) = ?$$

# C

## Classic Probability

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# C



$$S = \{(i, j) \mid i \in \{1, 2, 3, 4, 5, 6\}, j \in \{1, 2, 3, 4, 5, 6\}\}$$

$$E = \{(5, 6), (6, 5), (6, 6)\}$$

$$P(E) = |E|/|S| = \frac{3}{36} = \frac{1}{12} \approx 0.08$$