

Name _____

Independent Events

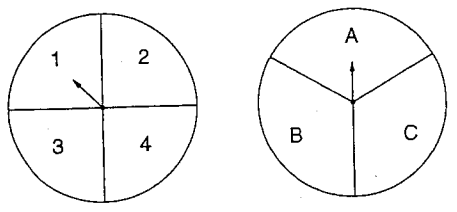
HOMEWORK

Find the probability of the events in each box. Express your answers as fractions.

A. $P(1, A) = \frac{1}{4} \cdot \frac{1}{3} = \frac{1}{12}$ $P(2, B) = \underline{\hspace{2cm}}$

B. $P(1, A \text{ or } B) = \underline{\hspace{2cm}}$ $P(1 \text{ or } 2, C) = \underline{\hspace{2cm}}$

C. $P(1, D) = \underline{\hspace{2cm}}$ $P(\text{even}, A) = \underline{\hspace{2cm}}$ $P(2, \text{vowel}) = \underline{\hspace{2cm}}$

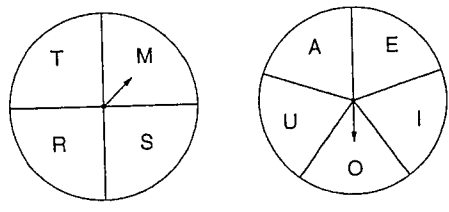


D. $P(M, A) = \underline{\hspace{2cm}}$ $P(T, O) = \underline{\hspace{2cm}}$

E. $P(M, R) = \underline{\hspace{2cm}}$ $P(S, \text{vowel}) = \underline{\hspace{2cm}}$

F. $P(T, \text{not } A) = \underline{\hspace{2cm}}$ $P(\text{not } R, A) = \underline{\hspace{2cm}}$ $P(T, A \text{ or } E) = \underline{\hspace{2cm}}$

G. $P(T \text{ or } R, O) = \underline{\hspace{2cm}}$ $P(R \text{ or } M, \text{not } A) = \underline{\hspace{2cm}}$ $P(\text{not } S, I \text{ or } O) = \underline{\hspace{2cm}}$



H. $P(5, 5) = \underline{\hspace{2cm}}$ $P(6, 2) = \underline{\hspace{2cm}}$

I. $P(4, \text{not } 2) = \underline{\hspace{2cm}}$ $P(\text{not } 1, 6) = \underline{\hspace{2cm}}$

J. $P(3, >4) = \underline{\hspace{2cm}}$ $P(\geq 4, 1) = \underline{\hspace{2cm}}$ $P(\text{odd}, \text{odd}) = \underline{\hspace{2cm}}$

K. $P(\text{even}, \text{odd}) = \underline{\hspace{2cm}}$ $P(\text{even}, 3) = \underline{\hspace{2cm}}$ $P(0, 5) = \underline{\hspace{2cm}}$

L. $P(\text{not } 2, \text{not } 3) = \underline{\hspace{2cm}}$ $P(\text{not } 1, \text{even}) = \underline{\hspace{2cm}}$ $P(5, \text{not } 3) = \underline{\hspace{2cm}}$

