\[ P(e) = \frac{|S|}{|E|} = \frac{2}{2} = 1 \]

Let \( E = \{ 2, 4, 6 \} \) and \( S = \{ 1, 3, 5, 7 \} \) (Theorem 2).

\[ P(e) = \frac{|S|}{|E|} \]

For each pair of elements in \( S \) and \( \{ 1, 3, 5, 7 \} \), we check if \( S \) is a proper subset of \( \{ 1, 3, 5, 7 \} \).
Let \( p(e) = 1 - p(e) \) then \( p(e) = 0 \) for \( e \in S \) and \( |S| > 5 \).

\( p(e) = 0 \Rightarrow e \in e \)

Note: \( e \neq \emptyset \) and \( p(e) = 0 \)

\[
\frac{10}{20} = \frac{|S|}{|E|} = \frac{5}{4}
\]

\( S = \{ 1, 2, 3, 4, 5 \} \)

Sign that \( n \neq 0 \): 0

Which is possible when \( n \neq 0 \)

\( \text{Pass at} \)
\[
\begin{align*}
& \mathbb{P}(E) = 1 - \mathbb{P}(\overline{E}) \\
& \mathbb{P}(E) = 1 - \frac{2}{3}
\end{align*}
\]
Theorem 2: Let \( E \), \( F \) be \( \alpha \)-rings.

\[ P(E, \text{vec}) = P(E_1) + P(E_2) - P(E_1 \text{vec}) \]

\[ |E_{vec}| = |E_1| + |E_2| - |E_1 \text{vec}| \]

Proof: Let \( E \) be a \( \alpha \)-ring. Then

\[ P(E, \text{vec}) = P(E_1) + P(E_2) - P(E_1 \text{vec}) \]

\[ |E_{vec}| = |E_1| + |E_2| - |E_1 \text{vec}| \]
\[ a(b) = b \cdot a \] 0 = 0

\[ \text{sum} = \text{sum} + 1 - \text{acc}(\text{sum}) \]

\[ \text{acc}(\text{sum}) = \frac{a}{10} \text{ rem } 0 \]

\[ \text{sum} = 0 \]

\[ \text{acc}(\text{sum}) = 0 \]

\[ 2 \quad 1 \quad 6 \quad 0 \]

\[ \text{acc}(\text{sum}) = 0 \]

\[ 3 \quad 2 \quad 7 \quad 6 \]

\[ \text{sum} = 0 \]

\[ \text{acc}(\text{sum}) = 0 \]

\[ \text{MMP} (10) \]

\[ \text{acc}(\text{sum}) = 0 \]

\[ 3 \quad 2 \quad 7 \quad 6 \]

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\( \theta \) = (7) \( \frac{(7)}{11} \) \( \frac{(11)}{2.1} \) 

\( (11) = 1 \) \( (2.1) \)

\( (7) = 1.8 \) 

E = \{ pivot \} even class

\( \text{even \_num} = 11 \) 

\( \text{pivot \_num} = 7 \) 

\( S = \{ 1, 2, 3, \ldots, 50 \} \) 

\( \text{max \_num} = 51 \)
\[ p(e/f) = \frac{p(e) \cdot p(f)}{p(f)} \]

Independent

Given \( E \) and \( F \):

\[ p(e/f) = p(e|f) \]

Also, from the data:

\[ p(e/f) = 1/3 \]