

$$\Omega = \{1, 2, 3, 4\}$$

$$p(\{1\}) + p(\{2\}) + p(\{3\}) + p(\{4\}) = 1 \quad \text{لدينا}$$

بما أن $p(\{1\})$ و $p(\{2\})$ و $p(\{3\})$ و $p(\{4\})$ متناسبة مع الأعداد 1 و 2 و 3 و 4 فإن :

$$\frac{p(\{1\})}{1} = \frac{p(\{2\})}{2} = \frac{p(\{3\})}{3} = \frac{p(\{4\})}{4} \quad \text{ومنه فإن :}$$

$$\frac{p(\{1\})}{1} = \frac{p(\{2\})}{2} = \frac{p(\{3\})}{3} = \frac{p(\{4\})}{4} = \frac{P(\{1\}) + P(\{2\}) + P(\{3\}) + P(\{4\})}{1 + 2 + 3 + 4} = \frac{1}{10}$$

إذن :

$P(\{2\}) = \frac{2}{10}$	$P(\{1\}) = \frac{1}{10}$
$P(\{4\}) = \frac{4}{10}$	$P(\{3\}) = \frac{3}{10}$

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