Math MIRV4

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n(s) = 36

$$P(E_1) = n(E_1) = 2$$
 $h(5) = 36 = 18$

$$E_2 = \{(4,2)(1,2)(2,1)(2,1)\}$$

$$P(F,) = n(F,) = 4 = 4$$
 $n(S) = 36 = 9$

$$P(E_3) = p(E_3)$$

$$= p(E_3)$$

$$= p(E_3)$$

$$= p(E_3)$$

$$= p(E_3)$$

iu)
$$E_4 = \text{Lum } \theta = 0$$

 $E_4 = ((2,2), (3,2), (2,3), (2,3), (4,1), ($

$$h(\Gamma_4) = 6.$$

$$P(E_4) = n(E_4) = 6 / 6$$

v)
$$E_5 = sum of 6$$

 $E_5 \in (4,2) (4,2) (1,5) (1,5) (3,3) (3,3) \int_{1}^{4} nlE_5 = 6$

$$P(ES) = \frac{n(ES)}{n(S)} = \frac{6}{36} = \frac{1}{6}$$

$$n(\epsilon s) = 6$$

$$P(Es) = \frac{h(Es)}{n(s)} = \frac{6}{36} = \frac{1}{6}$$

vii) Es = som of 8

E6 = {(6,2) (6,2) (6,3) (5,3) 3

 $\frac{P(E_b) = h(E_b)}{h(g)} = \frac{y}{36} = \frac{1}{6}$

P(Eb) = 1 9

 $V^{(i)}$) $E_7 = \mu t m \text{ of } 9$ $E_7 = 2(6,3)^2, (6,3)^3$

 $h(E_7) = 2$

 $P(E_7) = N(E_7) = 2 = 18$ h(5) = 36 = 18

P(F7) = /

1) $E_1 \rightarrow A_n$ win no. cond- $E_1 = \{2, 4, 6, 8, ..., 98, 100 \}$ $h(E_1) = 50$

 $P(E_1) = \underbrace{n(E_1)}_{n(S)} = \underbrace{50}_{100} = \underbrace{1}_{2} \Rightarrow P(E_1) = \underbrace{1}_{2}$

W) E₂ → purfect square no.
 E₂ : ξ 4, 9, 16, 25, 36, 49, ₹664, 81, 1003 n(E₁) = 9.

	$\frac{P(E_2) = h(E_2)}{h(g)} = \frac{q}{100}$
	$\frac{P(E_2) = 9}{100}$
	E3 - A number 420
	E3 = 21, 2, 3 19 9 n(E3) = 18
	$P(E_3) = h(E_3) = 18 = 9$ $h(E_3) = 100 = 50$
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