buddie P=? = even no? = even no tolad prob { 1, (2) 3, (4), 5, (6) y power (= (2) or (502) probability Q2: 2 coins Po = two heads coin h= 1/2 & HT, TH, (HH) TT'3 $Coin_2 = \frac{1}{2}$ Paneado = (1) or (25%) probability Which is not a probability: 8-0500001 + (a) is not a probability become the in regative c. 1.001 x d. D 1 * (c) is not a probability her 1f. 207 V it is more tran 1.D or move from 100% 2 dies a) Prob = ? = of sun 1 (1,1)(1,2)(1,3)(1,4)(1,5)(1,4) (21) (22) (23) (24) (25) (2) (1) $P_{\text{E4}} = \frac{3}{36} = \frac{1}{12} \text{ or } 8.337$ | Prom 1 = 0% b.) Prol = ? = of sum 4 c) Prob B = ? = Elen Man 18 (CG) (Ch 3) (CG) (Charles)

a.) Public =
$$\frac{10}{20} = \frac{1}{2} \text{ or } 50\%$$
 Public b.) Pred = $\frac{3}{20}$ or 15% Pred c.) Pyren = $\frac{7}{20}$ rr 35% Pyren

$$= \frac{3+5+14+18+12+5}{27} = \frac{57}{27}$$

$$E(y) := 1(\frac{1}{3}) + 2(\frac{1}{3}) + 3(\frac{1}{3}) + 4(\frac{1}{3}) + 12(\frac{1}{3}) + 12(\frac{1}{3}$$

Qq:

Observations:

P(1) P(2).p(3) p(4) P(5) Inward

2. \$ (6) decreased from 3.85.760 35
3. E(y) beganish from 3.85.760 35

on campus off capus	F 1812 625	S 1 1236 906	J 950 1282		45 40 44 36
T	72437	2142	2237	5162	8978

note: Pub said total 8978 tut data is only 8976 -using 8976 as reference total

$$(q.) p = 1 - \frac{2437}{8970} = 27.157$$

6.)
$$P_{len 60} = ?$$

$$142 + 22 = 162$$

$$162 \text{ or } 0.16$$

$$est 0.15$$