## Tutorial-2

Question + (Sum of dice)

$$\{(1,3),(2,2),(3,1)\} \Rightarrow 4$$

$$\{(1,5),(2,4),(3,3),(4,2),(5,1)\} \Rightarrow 6$$

$$P(Neither 4086) = \frac{36-8}{36} = \frac{28}{36}$$

Let P(sund 6 appears first) = P 

Ans

$$p = \frac{28}{36} \times p + \frac{5}{36}$$

$$\Rightarrow \frac{8}{36} p = \frac{5}{36} \Rightarrow p = \frac{5}{8}$$

[Can also be done by G.P. but this is neater:)]

Quartion 5 (90 students, 3 dasser)

$$Jx - closs X \Rightarrow X Y Z$$
29 30 30

Jane goosin X → 29
89

