15 possible automes

P(someone answers a question) = 
$$\frac{8}{15}$$
  
 $1-8/1s = 0.40$ 

$$\binom{8}{5}p^5(1-p)^3 = 0.000006435$$

$$\rho = \frac{4200}{10^5}$$

that aren't in other spaces

3) 
$$P(\ge 2 \text{ dire showing } \ge 4) = {3 \choose 2} \times {3 \choose 6} \times$$

P(all 3 dice are the same AND greater than 4)= P(all 3 are 4) + P/all 3 are 5) + P/all 3 are 4)

$$\frac{1}{72} = \frac{1}{36} \times \frac{1}{2}$$
 They are independent