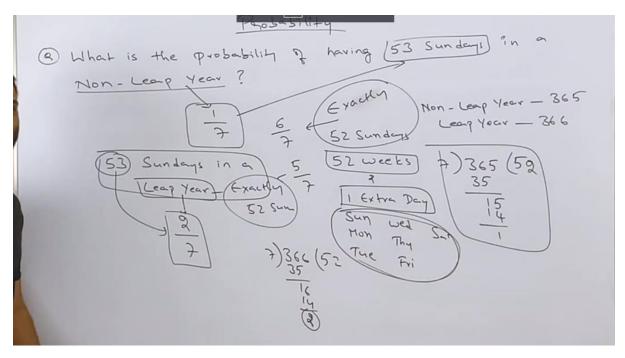
## **PROBABILITY**



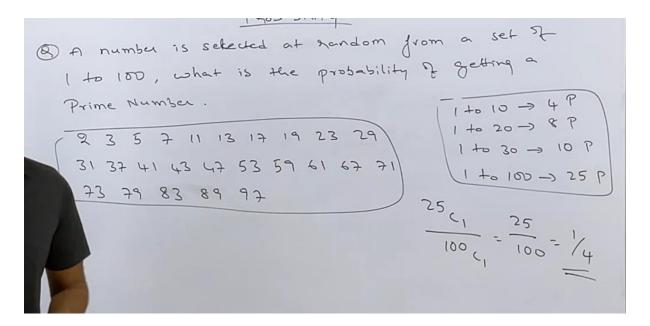
Paobability

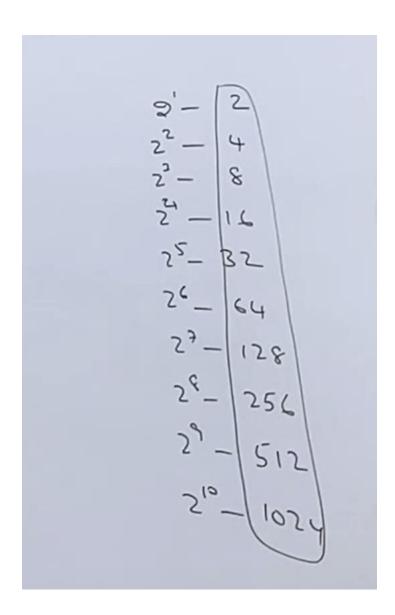
53 Anyday -> Non Leap Year - 1/7

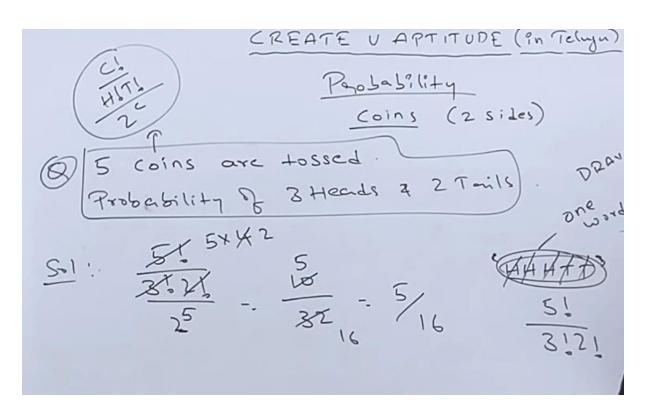
53 Anyday -> Leap Year - 2/7

Exactly 52 Anyday -> Non Leap Year -> 6/7

Exactly 52 Anyday -> Leap Year - 5/7







7 coins Tossed

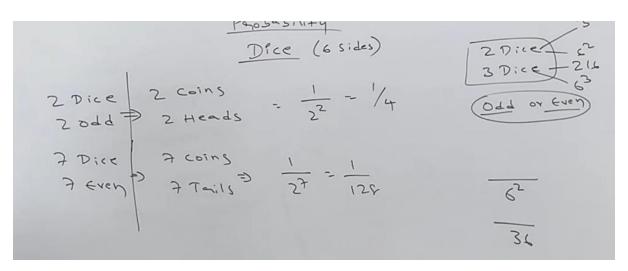
Probility & 5H & 2T

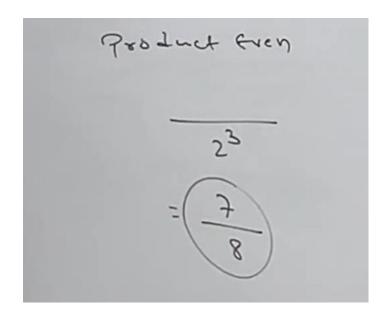
128

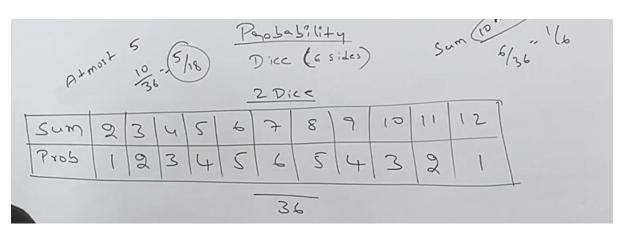
128

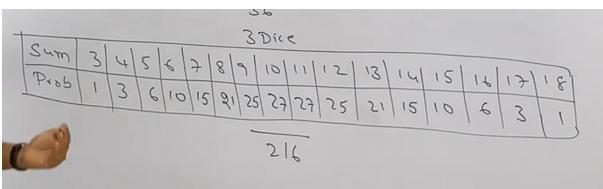
128

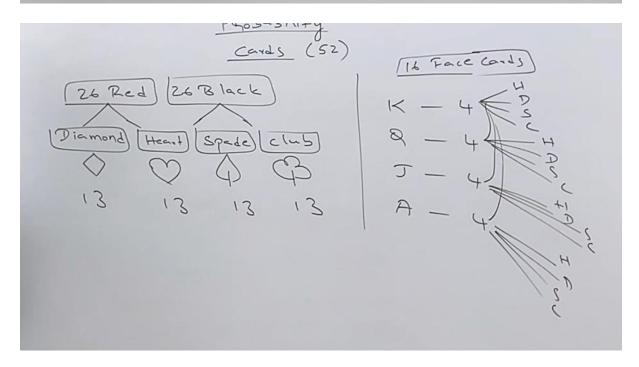
128

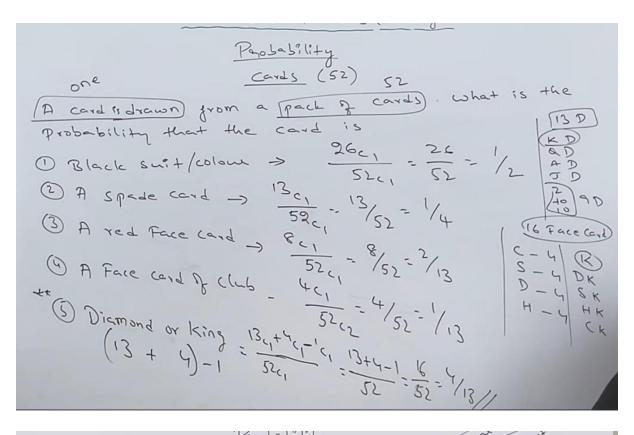


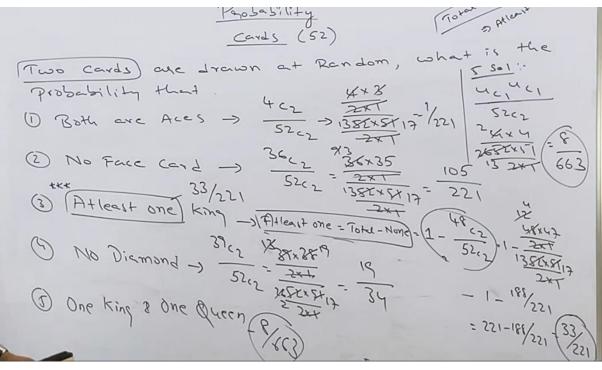












Probability

A bag contains 6 Red Balli, 4 Blue Balls, 2 Green Balls

P 3 Yellow Balls.

O If 3 balls are picked at gandom, what is the Probability that 2 are blue ? 1 is yellows?

Sol: 4c3c1 - 4x3 x 3 18

I 5c3 - 518 x 14 x 13

Xx2x1

Probability

A bag contains & Red Balls, 4 Blue Balls, 2 Green Balls
& 3 Yellow Balls.

2) If 4 balls are picked at gardom, what is the probability that atleast one is blue.

Sol: Atleast One blue - Total - No Blue

Probability

A bag contains & Red Balls, 4 Blue Balls, 2 Green Balls P 3 Yellow Bells

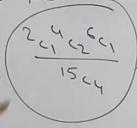
(3) If 2 balls are picked at Random, what is the Probability that both are green or both are yellow?

 $\frac{2c_2+3c_2}{15c_2} = \frac{1+3}{15\times147} = \frac{4}{105}$ Sol

A bag contains 6 Red Balls, 4 Blue Balls, 2 Green Balls P 3 Yellow Bells.

If 4 balls are picked at Random, what is the Probability that one is green, two are blue 9

one is ged.



5 ch ( 5 cl ) X x 2 x p