

$$U^1 = \Delta \qquad U^T = \mathcal{T}$$

Step 1 -> Small = 2
2 2 2 2
3 7 - 2
9
$$4 = \frac{1}{2}$$

5 = 2

5

2. 3,4,5,6 -> 4 angla

$$_{9}P_{2} = \frac{4!}{(4-2)!} - \frac{4!}{2!} = \frac{4.3.2!}{2!} - 12$$

4 angha sama =
$$gP_1 = \frac{g!}{(9-1)!} = 9$$

$$3 \text{ argks Sama} = 9P_0 = \frac{9!}{(9-2)!} = \frac{9.P.7!}{2!} = 72$$

2 angha
$$5ama = gP_3 = \frac{9!}{(9-3)!} = \frac{9.0.7.6!}{6!} = 504$$

$$A = keyadian angha kembar$$

$$P(A) = \frac{9+72+504}{3024} = \frac{505}{3004} = \frac{65}{336}$$

$$P(A) = \frac{9+72+504}{3024} = \frac{5PF}{3024} = \frac{65}{336}$$

* Anglea tidah boleh borulary
$$\frac{|4|3|2}{|4-3|!} = \frac{4!3!2!}{|1!} = 29$$
 hombinass

* Kombinasi 2 digit
$$\angle 6000$$
 $4^{2} = 16$ kombinasi

* Kombinasi 2 digit < 6000
$$4P_2 = 4.3 = 12$$
 kombinasi

6. 2,6,7,9

Boleh berulang

Tidah boleh berulang

7. 2 merch, 3 km, 4 hrten

$$gC_2 = \frac{6!}{2!(9-2)!} = \frac{9.8.7!}{2!-7!} = 36$$

a.
$$_{2}C_{1} = \frac{2!}{|!|!!} = 2$$

$$_{3}C_{1} = \frac{3!}{|!|2!} = 3$$

$$_{3}C_{4} = \frac{3!}{|!|2!} = 3$$

$$_{4}C_{5} = \frac{3!}{|!|2!} = 3$$

$$P(A) = \frac{9}{36} = \frac{1}{9}$$