

LOURDES AGUIR Velez Herrero

* Estadística

15/10/23

$$1^{\circ} 3L - 27$$

$$4\# - 10$$

a) repetir

$$\underset{L}{27} \times \underset{L}{27} \times \underset{L}{27} \times \underset{\#}{10} \times \underset{\#}{10} \times \underset{\#}{10} \times \underset{\#}{10}$$

b) no repetir

$$\underset{L}{27} \times \underset{L}{26} \times \underset{L}{25} \times \underset{\#}{10} \times \underset{\#}{9} \times \underset{\#}{8} \times \underset{\#}{7}$$

$$\left(\frac{27!}{24!} \right) \left(\frac{10!}{6!} \right) = 88452000$$

$$2^{\circ} 9! = 362880$$

$$9 \times 8 \times 7 \times 6 \times 5 \times 4 \dots \times 1$$

$$3^{\circ} \binom{9}{8} = \frac{9!}{4!} = 210$$

$$4^{\circ} \binom{10}{4} = \frac{10!}{4! \cdot 6!} = 100 \cdot 1$$