

KEVIN ALBERTO AGUILAR
GALVEZ

Q

$$3L = 27$$

$$4 \text{ digitos} = 9$$

$$27 \times 27 \times 27 \times 9 \times 9 \times 9 \times 9 = 129\ 140\ 163$$

b) no se repite

$$27 \times 26 \times 25 \times 9 \times 8 \times 7 \times 6 = 53\ 071\ 200$$

$$\frac{27!}{24} \times \frac{9!}{5!}$$

Cuentas 9

$$9 \times 8 \times 7 \times 6 \times 5 \times 4 \times 3 \times 2 \times 1 = 9!$$

7 Competidores

3 Primeros lugares

$${}^n P_r = {}^7 P_3 = 210$$

14 Platinos totales

4 Platinos

$$C_4^{14} = \frac{14!}{4! \cdot 10!} = 1001$$