

# Técnicas de muestreo

1. a)  $27 \times 27 \times 27 \times 10 \times 10 \times 10 \times 10$   
 $(27^3)(10^4) = 196,830,000$

b)  $\left(\frac{27!}{24!}\right) \left(\frac{10!}{6!}\right) = 98,452,000$

2. a)  $9! = 362,880$

3.  $P_3^7 = \frac{7!}{4!} = 210$

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

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