

(Γ3) Από υπόθεση $N(A) = N(\Pi) - 4$ $N(\Omega) \neq 0$

$$\frac{N(A)}{N(\Omega)} = \frac{N(\Pi)}{N(\Omega)} - \frac{4}{N(\Omega)} \Rightarrow$$

$$P(A) = P(\Pi) - \frac{4}{N(\Omega)} \Rightarrow$$

$$\frac{4}{12} = \frac{5}{12} - \frac{4}{N(\Omega)} \Rightarrow$$

$$\frac{4}{N(\Omega)} = \frac{1}{12} \Rightarrow \boxed{N(\Omega) = 48}$$