

Pelo principio da gaida de pombos ornenalizado existem palo menos 5 pombos com a mesma atuea.

7.
$$M_9 = \frac{1}{2000}$$
 multiples de à inferiores a 2001}
$$|M_9 \cup M_4| = |M_3| + |M_4| - |M_3 \cap M_4|$$

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 $= \left[\frac{2000}{12}\right] + \left[\frac{2000}{20}\right] - \left[\frac{2000}{60}\right] - 133 + 100 - 33$ = 200

(M) NM) NTE = 1000-200 = 800

Resposta: 800 númeral.