

Problema săptămânii 286

Fie $1 \leq a, b, c, d \leq 4$ numere reale. Arătați că

$$16 \leq (a + b + c + d) \left(\frac{1}{a} + \frac{1}{b} + \frac{1}{c} + \frac{1}{d} \right) \leq 25.$$

Problem of the week no. 286

Let $1 \leq a, b, c, d \leq 4$ be real numbers. Prove that

$$16 \leq (a + b + c + d) \left(\frac{1}{a} + \frac{1}{b} + \frac{1}{c} + \frac{1}{d} \right) \leq 25.$$