

BUKIETY MATEMATYCZNE DLA GIMNAZJUM

<http://www.mat.uni.torun.pl/~kolka/>

15 X 2002

Bukiet 2

Zadanie 1. Oblicz

$$(2 + \sqrt{2}) \cdot (2 - \sqrt{2}).$$

Zadanie 2. Oblicz

$$(2 + \sqrt{2}) \cdot (2 + \sqrt{2 + \sqrt{2}}) \cdot (2 - \sqrt{2 + \sqrt{2}}).$$

Zadanie 3. Oblicz

$$(2 + \sqrt{2}) \cdot (2 + \sqrt{2 + \sqrt{2}}) \cdot (2 + \sqrt{2 + \sqrt{2 + \sqrt{2}}}) \cdot (2 - \sqrt{2 + \sqrt{2 + \sqrt{2}}}).$$