

# Dokaz bez riječi: kvadrat razlike, razlika kubova, kub razlike

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## Sažetak

U radu je dan geometrijski dokaz bez riječi za kvadrat razlike, razliku kubova i kub razlike.

**Ključne riječi:** *kvadrat razlike, razlika kubova, kub razlike, dokaz bez riječi*

## Proof without words: square of difference, difference of cubes, cube of difference

## Abstract

In this paper, we give geometrical proofs without words of formulae for square of difference, the difference of cubes and the cube of difference.

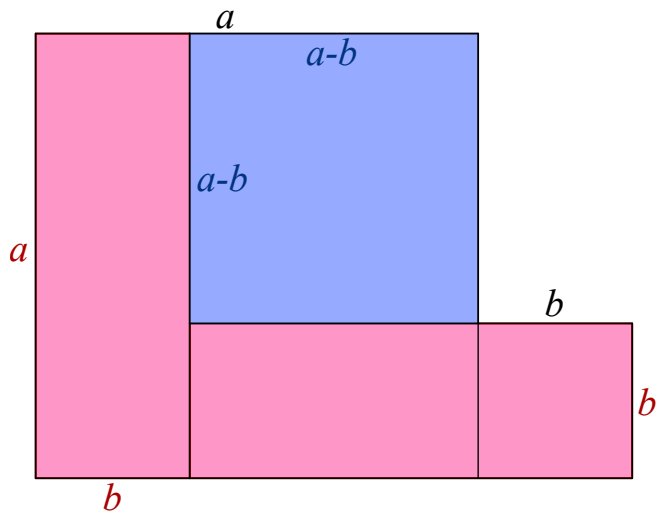
**Keywords:** *square of difference, difference of cubes, cube of difference, proof without words*

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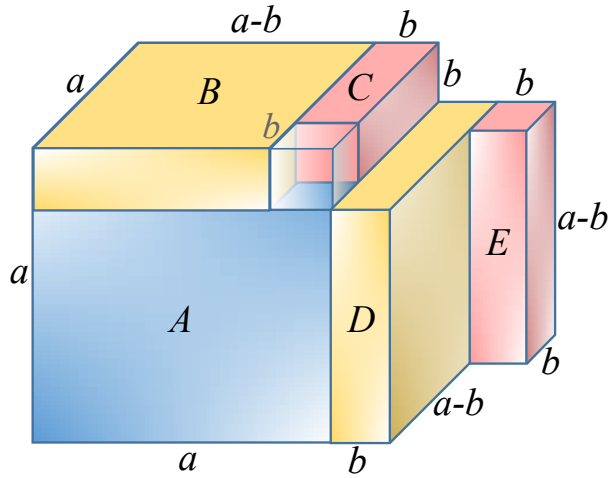
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## 1 Kvadrat razlike

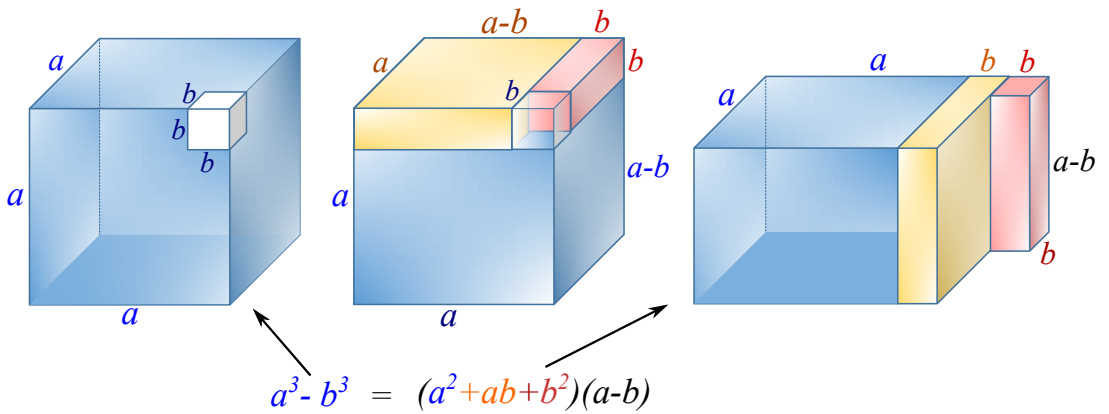


$$(a - b)^2 = a^2 + b^2 - 2ab$$

## 2 Razlika kubova



$$a^3 - b^3 = A + B + C = A + D + E = (a^2 + ab + b^2)(a - b)$$



### 3 Kub razlike

