

Reševanje razcepnih enačb

1. Ponovitev

a) Izračunaj

$$(a + 7)^2 =$$

$$(3 - 2x)^2 =$$

$$(x - 5)(x + 5) =$$

$$(9 + 3a)(9 - 3a) =$$

$$(x + 7)(x + 2) =$$

$$(x - 5)(x - 4) =$$

$$(x - 6)(x + 3) =$$

$$(x + 1)(x - 10) =$$

$$3(x - 7) =$$

$$5a(6 - 2a) =$$

b) Faktoriziraj (razcepi, razčleni, zapiši v obliki produkta)

$$16 + 8b + b^2 =$$

$$64x^2 - 32ax + 4a^2 =$$

$$33a^2 - 11a =$$

$$36 - x^2 =$$

$$16x^2 - 81 =$$

$$a^2 + 6a - 16 =$$

$$x^2 - 16x + 63 =$$

$$x^2 + 13x + 22 =$$

2. Reši enačbe

a) $x^2 - 9 = 0$

1. način

2. način

b) $x^2 - 10x = 0$

c) $x^2 - 10x + 25 = 0$

č) $x^2 - 5x + 6 = 0$

d) $2x^3 - 32x = 0$