
x_1

1. Kvadratna funkcija

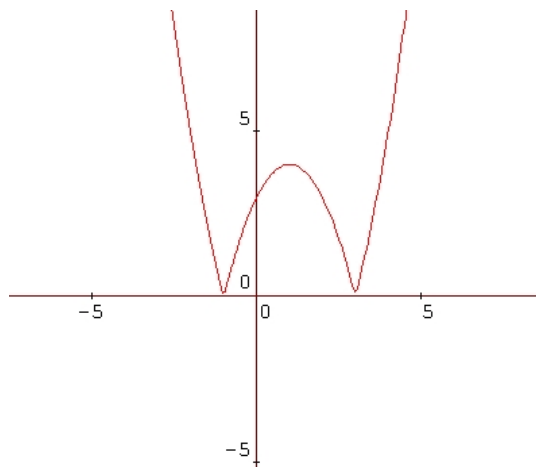
$$g(x) = x^2 - 2x - 3.$$

ničle: $x_1 = 3, x_2 = -1$, teme $T(1, -4)$, $A(0, -3)$

$$f(x) = |g(x)|$$

Graf kvadratne funkcije

$$f(x) = |x^2 - 2x - 3|.$$



Prezrcalimo del funkcije g pod abscisno osjo nad abscisno os.

2. $a = 2, b = 1, c = -4$

3. $m = 2$

4. (a) 1

(b) $\frac{a-4}{a+4}$

5. Reši enačbo in napravi preizkus:

$$x_{1,2} = 5/2 \pm 1/2\sqrt{33}$$

- 6.

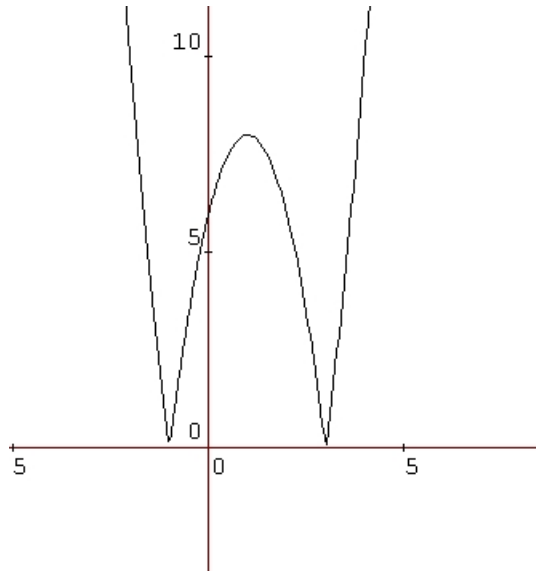
$$f(x) = \frac{3-5x}{x-1}$$

1. Kvadratna funkcija

$$g(x) = 2x^2 - 4x - 6.$$

ničle: $x_1 = 3, x_2 = -1$, teme $T(1, -8)$, $A(0, -6)$

$$f(x) = |g(x)|$$



Prezrcalimo del funkcije g pod abscisno osjo nad abscisno os.

2. $R = a = 2, b = 1, c = -4$
3. $m = 4/5$ $a = -11/5$ MAX.
4. (a) $\sqrt{a}$
- (b) $\frac{x-4}{x+1}$
5. Reši enačbo:

$$x_1 = -6, x_2 = 2$$

- 6.

$$f(x) = \frac{3-5x}{x-1}$$