

TABULKA FUNKCHICH HODNOT × fx $-\frac{1}{2}(16) - 4 + \frac{15}{2} = \frac{-24 + 15}{2} = \frac{-9}{2}$ -2 -2(4)-2+2= -8+15= 王 -1 -1 -1 -1 -1 - - - 3+15 = 6 2 - 2(4) +2 + 45 = 5 -1(9)+3+5=-9+6+15-6 4 -1(16) +4+1= = -P+1= 7 6 - 1 (36) +6 +1 = y=-2x+4 [116] -49 - ora symetrie fje trostoere ma (-00; 1)

fje klesojen ma (1; +00)

motemen v boole x=1

obse hand $H_{+}=(-0; 8)$

Pedia body [3;5], [1;6] do mnosing dy = -2(x-2)/ [0;0] y(-2(x-5)(x+3)] ? +> -2(3-2) = -2/

 $5 \ge -2(3-2) = -2 /$ $5 \le \frac{1}{2}(-2)(6) = 6 /$ bod (3;5) thu

 $6 \ge -2(1-2) = 2 /$ $6 < -\frac{1}{2}(-4)(4) = 8 /$ lod 21:63 ANO

0 2 -2 (-2) = 4 × bod Loio] ME

B.
$$f(x) = -\frac{1}{4}x^2 + \frac{1}{2}x + 6$$

• $P_3 = [0]6]$

• $P_3 = [0]6]$

• $P_4 : x^2 - 2x - 24 = 0$

(x+4)(x-6)

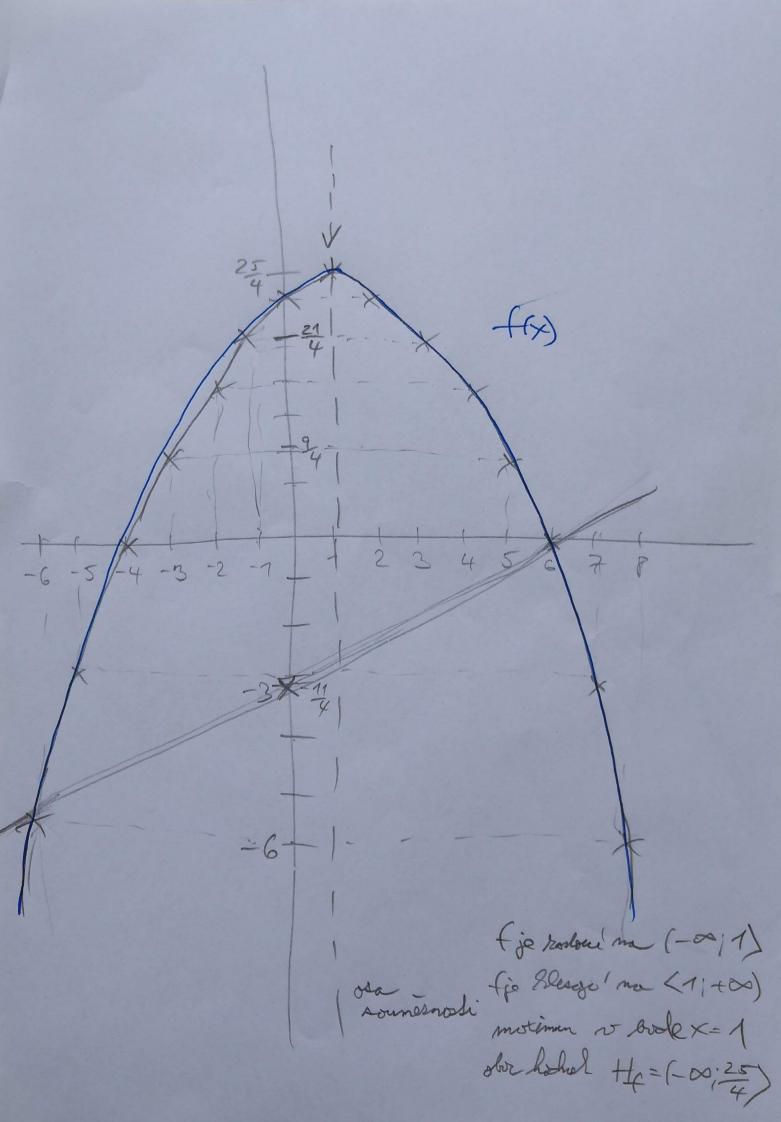
 $P_{4} = [-4]0]$
 $P_{5} = [-4]0]$
 $P_{5} = [-4]0]$
 $P_{5} = [-4]0]$
 $P_{5} = [-4]0$
 P_{5

$$= -\frac{1}{4}(x^{2}-2x+1) + \frac{1}{4} + 6 =$$

$$= -\frac{1}{4}(x-1)^{2} + \frac{25}{4} \quad V = [1; \frac{25}{4}]$$

(-00)-4) (-4;6) (6; too)

TABOLKA FUNKOUCH x fox)



$$\frac{1}{2}(x-6) \ge -\frac{1}{4}(x+4)(x-6)/.4$$

Poredni:
 $\frac{1}{2}(x-6) \ge -\frac{1}{4}(x+4)(x-6)/.4$

$$x = 0 \ge -(x^2 - 36)$$

 $x = 0 \ge (x^2 - 36)$
 $0 \ge (x - 6)(x + 6)$
 $x \in (-0, -6)(x + 6)$
 $x \in (-0, -6)(x + 6)$

C.
$$f(x) = \frac{2x-2}{x-3}$$

• $P_{x} = |R| \stackrel{4}{\cancel{3}} \stackrel{4}{\cancel{9}}$

• $P_{x} = |L_{0}| \stackrel{2}{\cancel{3}} \stackrel{7}{\cancel{3}}$

• $P_{x} : \frac{2x-2}{x-3} = 0 \stackrel{2}{\cancel{2}} \stackrel{2}{\cancel{2}} \stackrel{2}{\cancel{2}} \stackrel{1}{\cancel{2}} \stackrel{1}{\cancel$

$$(40005) + (200005) + (40005) + (40005) + (20$$

TARULKA FUNKONICH f(x) 4 = 6 5 26-Asymplof yal vodown X=3 south of je blogu na R noma molimum comi minimum (nema extremy) Obse hadnol H= R \ 2%

$$\frac{x+3}{2} \ge \frac{2x-2}{x-3} ? \times e < -1;3) (< 5; + < 0)$$

$$\frac{2}{2} \times -3 ? \times e < -1;3) (< 5; + < 0)$$

$$\frac{2}{2} \times -3 ? \times e < -1;3) (< 5; + < 0)$$

$$\frac{2}{2} \times -3 ? \times e < -1;3) (< 5; + < 0)$$

$$\frac{2}{2} \times -4 \times -5 = 0$$

$$\frac{2}{2} \times -1 \times -3 ? \times -3 ?$$

$$\frac{2}{2} \times -1 \times$$