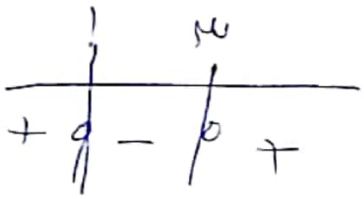
آشنایی با مشتق



$(x-1)(x-3)$

x^2-4x+3

$a=4$

$b=3$ $\quad a+b=7$

$(x-1)^2 \longrightarrow 3n = -1 \Rightarrow n = -\frac{1}{3}$

صعودی

$-\frac{1}{2}x^2 + 2x + 8 > \frac{7}{2}$

$x^2 - 8x - 19 < -$

$\Delta = 16 + 8 \times 19 = 92$

$\frac{8 \pm \sqrt{92}}{2}$

$x^2 - x - 12 < 7$

$2 + \sqrt{23} = b$

$2 - \sqrt{23} = a$

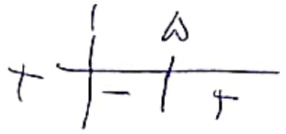
$m^2 \ldots$

$a-1<0 \qquad \Delta<0$

$a<1$

$(a-1)^2 - 4(a-1)(1) = a^2+1-2a-4a+4<0$

$a^2-6a+5<0 \qquad (a-1)(a-5)<0$



$(1,5)$
