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CALCOCARE L'INVERSA
$$f^{-1}: \mathbb{R}_{0}^{+} \to \mathbb{R}_{0}^{+}$$

$$f(x) = \sqrt{5} \times \qquad f(x) = \frac{x^{2}}{5}$$

$$y = \sqrt{5} \times \times = \sqrt{5}y$$

$$x^{2} = 5y$$

$$y = \sqrt{2}$$

$$f: \mathbb{R}_{0} \to \mathbb{R}_{0}$$

$$f(X) = \frac{X^{2}}{5}$$

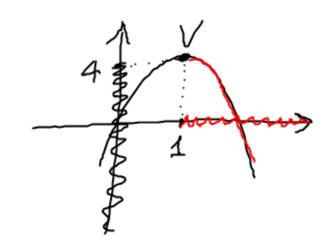
237
$$f(x) = -4x^2 + 8x$$

 $y = -4x^2 + 8x$ D: \mathbb{R}^2
 $f: [1, +\infty) \rightarrow (-\infty, 4]$
 $x = -4y^2 + 8y$

$$4y^2 - 8y + x = 0$$

$$y = \frac{4 \pm \sqrt{16 - 4x}}{4}$$

$$\sqrt{\frac{1}{x}} = \frac{4 + \sqrt{16 - 4x}}{4}$$



ASCISSA DEL VERTICE

$$\times_{V} = -\frac{Q_{-}}{2Q} = 1$$

ORDINATA DEL SITSAJ

$$4 = x^2 - 6x + 5$$

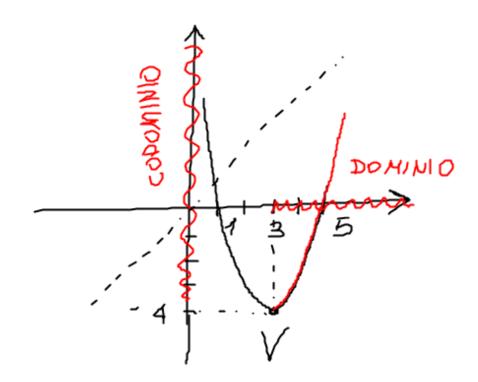
$$-\frac{2}{2a} = -\frac{-6}{2} = 3$$

$$f(x) = x^2 - 6x + 5$$

$$y = y^2 - 6y + 5$$

$$4^{2}-69+5-x=0$$

$$y = 3 \pm \sqrt{9 - (5 - x)}$$
 $y = 3 \pm \sqrt{4 + x}$



$$4^{-1}(x) = 3 + \sqrt{4+x}$$