

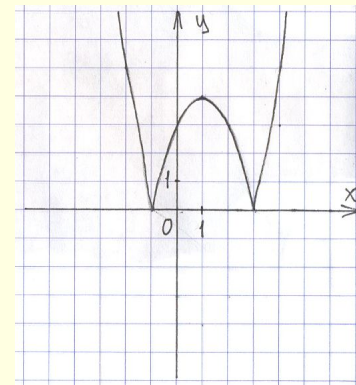
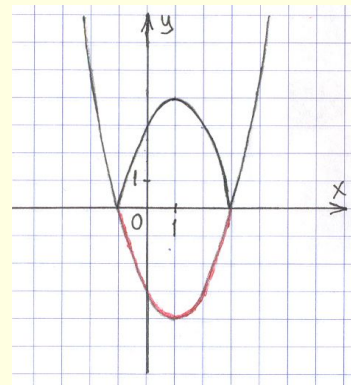
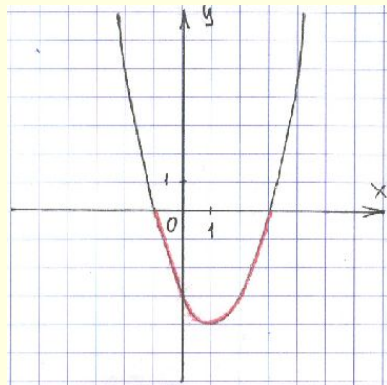
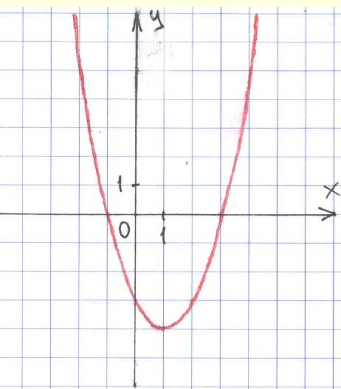
$$y = |x^2 - 2x - 3|$$

$$y = x^2 - 2|x| - 3$$

$$y' = x^2 - 2x - 3$$

$$x_0 = \frac{-b}{2a} = \frac{2}{2 \cdot 1} = 1, \quad y_0 = 1^2 - 2 \cdot 1 - 3 = -4 \quad (1; -4) - \text{вершина}$$

$$y = x^2 - 2x - 3$$



$$y = x^2 - 2|x| - 3$$

