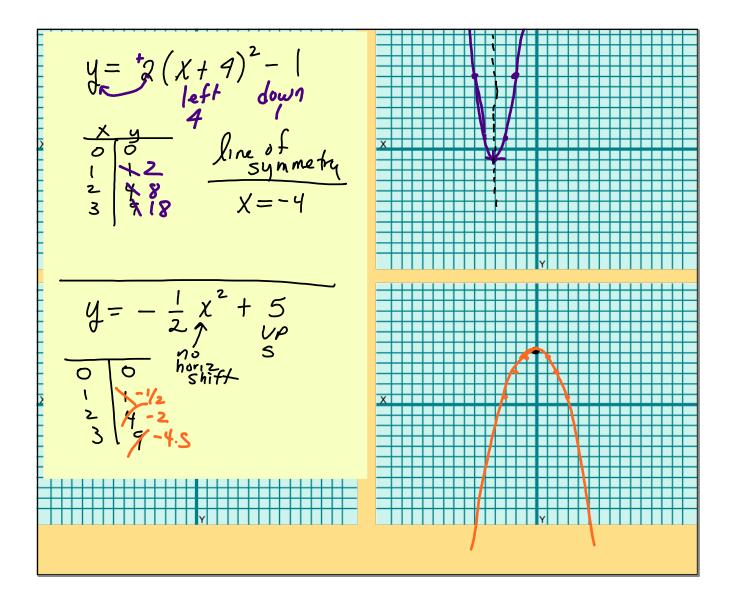
QUADRATIC FUNCTIONS $\begin{array}{c} y = G \chi^2 & \downarrow stand \\ form \\ y = G \chi^2 + b \chi + C \\ y = 2 \chi^2 + 9 \chi - 1 \end{array}$ V standard y=4x² Parabola Vertex Form × 0 + 4 9 × 0 + 4 9 × 0 + 4 9 $y = a(x-h)^{2}$ Vertex: $(h, K)^{2}$ it change direction: + a up - a dow line of symmetry = X= Width: |q| > 1 narrow |a|= | norma | 0< |a|< | Wide

October 20, 2022





 $y = \Theta_{\lambda} (x-4)^{2} + 7$ $y = \frac{2}{3} x^{2} - 5$ Vertex: (0, -5) Vertex: (0, -5

