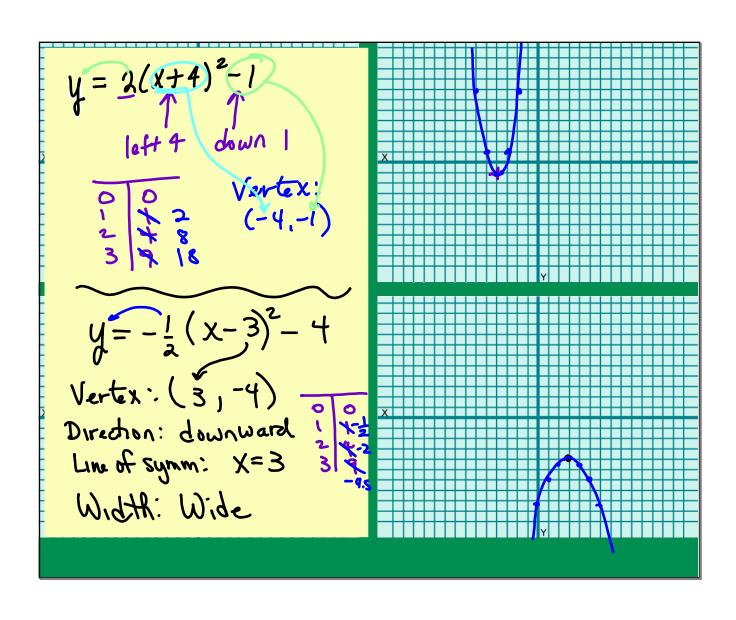


Vertex Form  $y = a(x-h)^2 + K$ Vertex: (h, K)line of symm: x = hdirection: -a Upward

width: h > 1 narrow h = 1 normal 0 < h < 1 Wide



 $y = -15(x-81)^{2} + 92$ Vertex: (81, 92)Im if symm! X = 81direction: down
Width: narrow

 $y = \frac{2}{3}x^2 - 5$   $\frac{2}{3}(x-0)^2 - 5$ Vertex (0, -5)Line if symm: x = 0direction: Up (+2/3)Width: Wide

