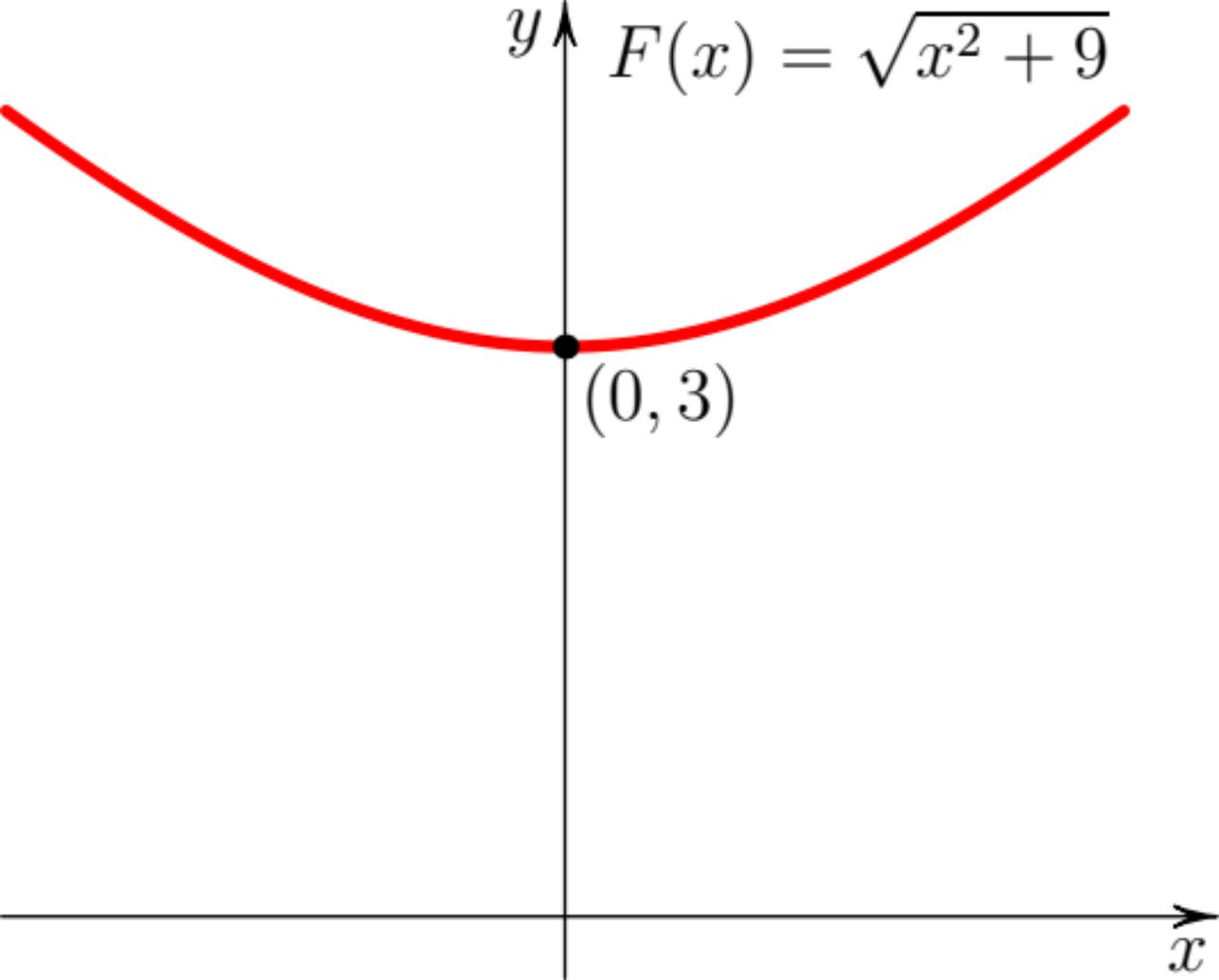


$$y \uparrow F(x) = \sqrt{x^2 + 9}$$



The graph shows a coordinate system with a vertical y-axis and a horizontal x-axis. A red curve representing the function $F(x) = \sqrt{x^2 + 9}$ is plotted. The curve is symmetric about the y-axis and has a minimum point at $(0, 3)$, which is marked with a black dot. The label $(0, 3)$ is placed to the right of the dot. The equation $F(x) = \sqrt{x^2 + 9}$ is written at the top of the y-axis, and the axes are labeled y and x respectively.

$(0, 3)$