

$$x^2-1$$

x



A Cartesian coordinate system with a horizontal x-axis and a vertical y-axis. The x-axis is labeled 'x' at its right end, and the y-axis is labeled 'x^2-1' at its top. A blue parabola is plotted, opening upwards with its vertex at (0, -1). The parabola intersects the x-axis at (-1, 0) and (1, 0).

x	y = x^2 - 1
-2	3
-1	0
0	-1
1	0
2	3