

Tally

List the key features of each of the following graphs. Use interval notation when necessary.

Domain: $(-\infty, \infty)$

Range: $(-\infty, 4]$

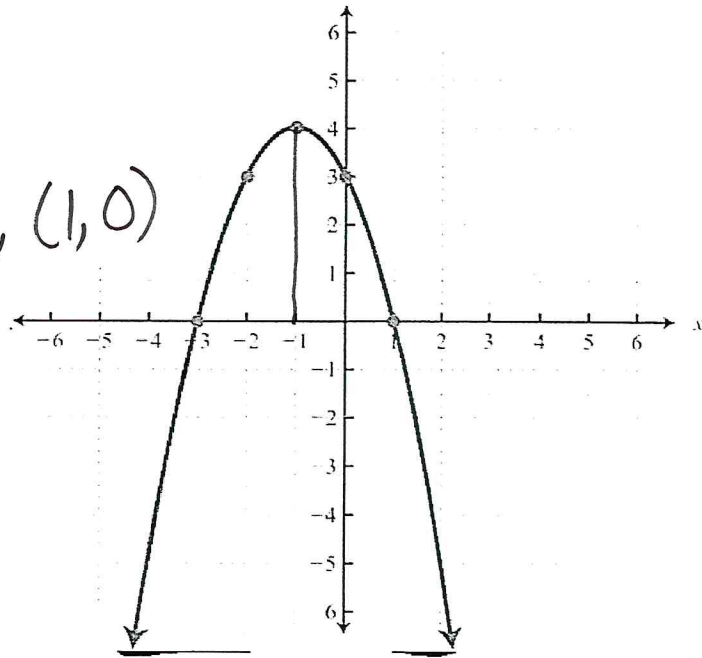
Increasing: $(-\infty, -1)$

Decreasing: $(-1, \infty)$

Constant: N/A

x-intercepts: $(-3, 0), (1, 0)$

y-intercepts: $(0, 3)$



End Behavior:

Left: $x \rightarrow -\infty, y \rightarrow -\infty$

Right: $x \rightarrow \infty, y \rightarrow -\infty$

Domain: $(-\infty, 4]$

Range: $(0, \infty)$

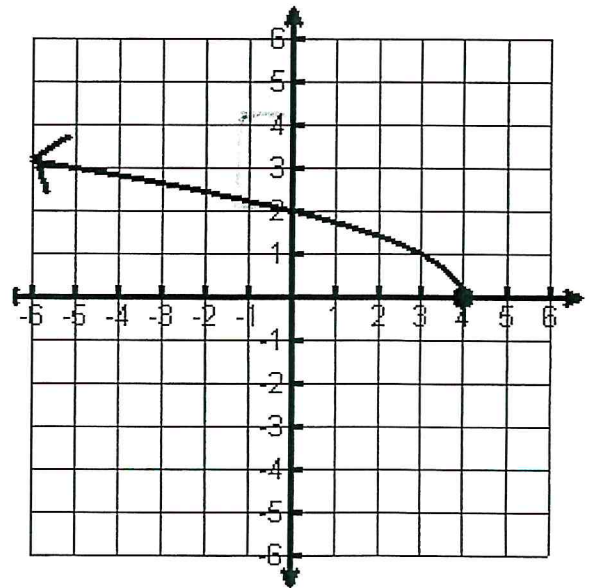
Increasing: N/A

Decreasing: $(-\infty, 4)$

Constant: N/A

x-intercepts: ~~$(4, 0)$~~

y-intercepts: ~~$(4, 0)$~~
 $(0, 2)$



End Behavior: Left

Left: $x \rightarrow -\infty, y \rightarrow \infty$

Right: $x \rightarrow +\infty, y \rightarrow 0$