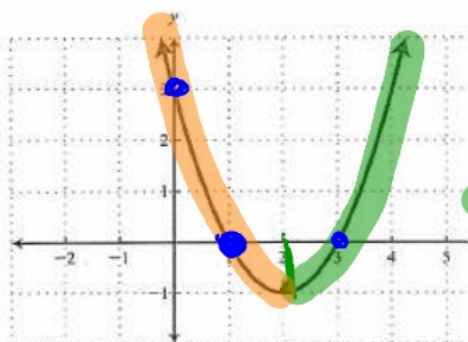Examples: For each of the following graphs determine the domain, range, increasing, decreasing and/or constant intervals, x-intercepts, y-intercepts and describe the end behavior.

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

Range: $[-1, +\infty)$

Increasing: $(2, +\infty)$
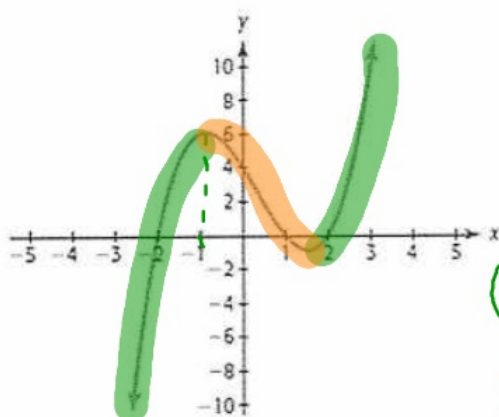
Decreasing: $(-\infty, 2)$

Constant: N/A

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

y-intercepts: $(0,3)$

End Behavior:

Left: $X \rightarrow -\infty$ $Y \rightarrow +\infty$

Right: $X \rightarrow +\infty$ $Y \rightarrow +\infty$

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

Range: $(-\infty, +\infty)$

Increasing: $(-\infty, -1) \cup (1.5, +\infty)$

Decreasing: $(-1, 1.5)$

Constant: N/A

x-intercepts: $(-2, 0)$ $(1,0)$ $(2,0)$

y-intercepts: $(0,4)$

End Behavior:

Left: $X \rightarrow -\infty$ $Y \rightarrow -\infty$

Right: $X \rightarrow +\infty$ $Y \rightarrow +\infty$