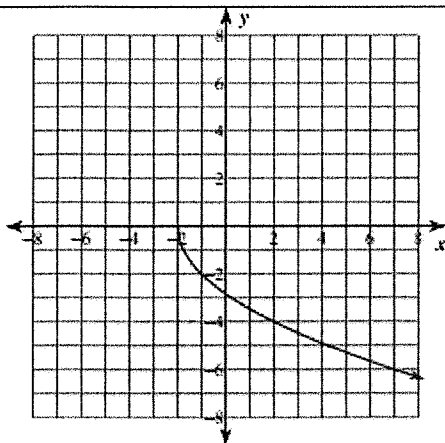


Family: Radical (Square Root) Parent equation: $f(x) = \sqrt{x}$



Domain: $[-2, \infty)$

Increasing: N/A

Range: $(-\infty, 0]$

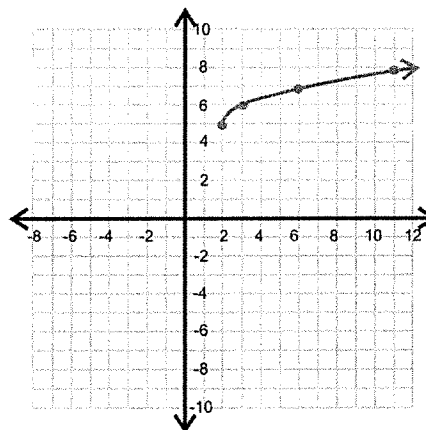
Decreasing: $[-2, \infty)$
As $x \rightarrow \infty$, $f(x) \rightarrow -\infty$

X-intercept: N/A

End behavior: N/A

Y-intercept: $(0, -3)$

Symmetry: N/A



Domain: $[2, \infty)$

Increasing: $[2, \infty)$

Range: $[5, \infty)$

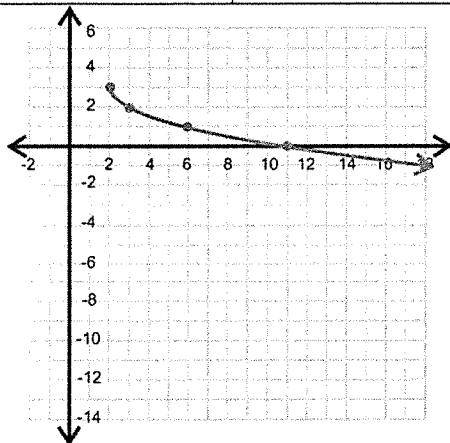
Decreasing: N/A
As $x \rightarrow \infty$, $f(x) \rightarrow \infty$

X-intercept: N/A

End behavior: N/A

Y-intercept: N/A

Symmetry: N/A



Domain: $[2, \infty)$

Increasing: N/A

Range: $(-\infty, 3]$

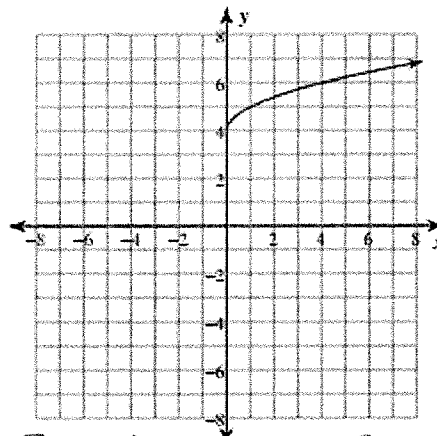
Decreasing: $[2, \infty)$
As $x \rightarrow \infty$, $f(x) \rightarrow -\infty$

X-intercept: $(11, 0)$

End behavior: N/A

Y-intercept: N/A

Symmetry: N/A



Domain: $[0, \infty)$

Increasing: $[0, \infty)$

Range: $[4, \infty)$

Decreasing: N/A
As $x \rightarrow \infty$, $f(x) \rightarrow \infty$

X-intercept: N/A

End behavior: N/A

Y-intercept: $(0, 4)$

Symmetry: N/A