Example: Sketch the graph of $y = \sqrt{-x} - 2$

Example: Sketch the graph of $y = \sqrt{-x} - 2$ Here, we want to start with the basic graph: $f(x) = \sqrt{x}$



Example: Sketch the graph of $y = \sqrt{-x} - 2$ Here, we want to start with the basic graph: $f(x) = \sqrt{x}$ • Changing the sign of x to -x reflects the graph of $f(x) = \sqrt{x}$ across the y-axis





