5.4 worksheet graphing square root and cube root functions

Graph each radical function. Then describe the graph as a transformation of the graph to the parent function

1. $g\left(x\right)=0.25\sqrt{x}$



1. $g\left(x\right)=2.5\sqrt[3]{x}$

Graph each radical function. Then describe the graph as a transformation of the graph of the parent function and give the domain and range.

1. $g\left(x\right)=\sqrt{x-3}-5$



1. $g\left(x\right)=\sqrt[3]{x+6}+2$