Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

# Secondary Math II 11-3 Homework

![[image]]()![[image]]()**Root Functions**

Write the function from the given graph.

1. 2.

![[image]]()Function: Function:

3. 4.

Function: Function:

Sketch the graph of the given function.

5.  6.$ f(x)=\sqrt[3]{x+2}-3$

![[image]]()![[image]]()

![[image]]()![[image]]()7.  8. $f(x)=\sqrt{x-3}+4$

![[image]]()![[image]]()9. $f(x)=-\sqrt{x}+6$ 10. 