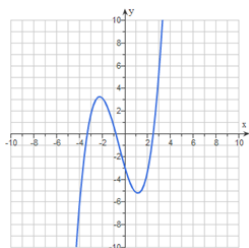


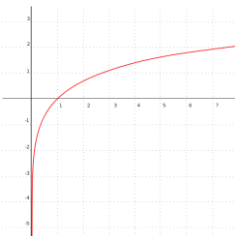
4.



D: _____ R: _____

Function? Y N if Y, type: _____

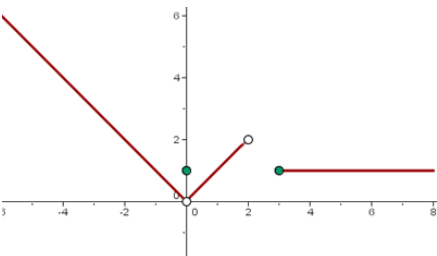
5.



D: _____ R: _____

Function? Y N if Y, type: _____

6.



D: _____ R: _____

Function? Y N if Y, type: _____

III. Find the Domain and Zero(s) for each function. (Check your work with a graphing calculator.)

1. $g(x) = \sqrt[3]{x-1} + 4$

D: _____ R: _____ Zero(s): _____

2. $h(x) = \sqrt{36 - x^2}$

D: _____ R: _____ Zero(s): _____

3. $f(x) = \frac{x-6}{\sqrt{x-4}}$

D: _____ R: _____ Zero(s): _____

4. $k(x) = \frac{\sqrt{x}}{x^2+3x-18}$

D: _____ R: _____ Zero(s): _____

5. $j(x) = \frac{4x^2-25}{\sqrt{x^2+2x-1}}$

D: _____ R: _____ Zero(s): _____