Monday, January 28, 2019 – 6th

- Warm-up
 - Explain how the graphs of the transformations relate to the parent function $f(x) = x^3$
 - 1. $f(x) = 1/3x^3$ wider 2. $f(x) = (x - 1)^3 + 4$ (right 1, up 4) 3. $f(x) = -2x^3$ flipped "steeper"

 Square Root and Cube Root Functions Go, Boat, Go Lesson 8-3 **Cube Root Functions**

Objectives

Content: I will graph and describe transformations of the cube root function. **Social**: I will use my time wisely. Language: I will identify key features of a graph in writing.

Monday, January 28, 2019 – 7th N(1/3) = 3

- Warm-up
 - Solve each of the following for x



 Square Root and Cube Root Functions Go, Boat, Go! Lesson 8-4 **Solving Cube Root Functions**



Objectives Content: I will solve and check a cube root function. **Social**: I will use my time wisely. **Language**: I will interpret my solutions in writing.