

Daily Agenda

**Learning Target:**  
I can graph a common function using transformations and reflections.

<p><b>Homework</b> 6.3 Day 2 Worksheet</p>	<p><b>Assessments</b> Unit 6 Test 12/13 Skills Test 12/14 Final Exam 12/20</p>
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Life is either a daring adventure or nothing.  
-Helen Keller

Nov 15-8:24 PM

6.3 Graphs of Irrational Functions

Graph the function and find the Domain and Range.

$$f(x) = \sqrt[3]{x}$$

D:  $(-\infty, \infty)$   
R:  $(-\infty, \infty)$

Jan 23-9:48 AM

Graph the function and find the Domain and Range.

$$g(x) = 2 + \sqrt[3]{x-1}$$

Jan 23-9:48 AM

Graph the function and find the Domain and Range.

$$h(x) = \sqrt[3]{-x+2}$$

$\sqrt[3]{-(x-2)}$

reflected over y  
→ 2

Jan 23-9:48 AM

$y = -\sqrt[3]{x}$

$y = \sqrt[3]{-x}$

Dec 9-11:12 AM

Graph the function and find the Domain and Range.

$$k(x) = -\sqrt[3]{x+1}$$

EC: Domain  $(-\infty, \infty)$   
Range  $(-\infty, \infty)$

Jan 23-9:48 AM