

Daily Agenda

Learning Targets:
 I can simplify radicals.
 I can solve radical equations.
 I can graph an irrational function using transformations and reflections.

<p><u>Homework</u> Unit 6 Review WS</p>	<p><u>Assessments</u> Unit 6 Test 12/13 Skills Test 12/14 Final Exam 12/20</p>
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Nov 15-8:24 PM

36×18
648

<p><u>Tanner</u> $36 \times 10 = 360$ $36 \times 10 = 360$ $\quad + 720$ $\quad - 72$ $\quad \quad 648$</p>	<p><u>Tom</u> $36 \times 10 = 360$ $30 \times 8 = 240$ $\quad + 600$ $6 \times 8 = 48$ $\quad \quad 648$</p>
<p><u>Shannon</u> $36 \times 10 = 360$ $36 \times 8 = 288$ $\quad + 648$</p>	<p><u>Mrs. Nash</u> $36 \times 20 = 720 + 28$ $36 \times 2 = 72 + 28$ $\quad \quad 748$ $\quad - 100$ $\quad \quad 648$</p>

Dec 12-11:04 AM

Graph the function and find the Domain and Range.

$f(x) = -\sqrt{x+3} - 2$

reflect over x
 $\leftarrow 3 \downarrow 2$

Jan 23-9:48 AM

Solve

$$\sqrt{x+5} - 1 = \sqrt{x}$$

$$(\sqrt{x+5} - 1)(\sqrt{x+5} + 1) = (\sqrt{x})^2$$

$$x+5 - 2\sqrt{x+5} + 1 = x$$

$$x+6 - 2\sqrt{x+5} = x$$

$$\begin{array}{r} -x-6 \\ \hline -2\sqrt{x+5} = -6 \\ \hline -2 \quad \quad -2 \\ \hline \sqrt{x+5} = 3 \\ x+5 = 9 \end{array}$$

$x = 4$

Dec 12-10:26 AM