Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What are we learning in Unit 2—Absolute Value & Piecewise Functions?

Self-Ratings:

1: I've never seen this topic and wouldn't even know how to begin.

2: I've heard or seen this before, but don't know how to start or complete the problem.

3: I know the topic and can work through the problem but am unsure whether I am correct.

4: I feel confident that I could present my work and solution to the class.

5: I feel that I could correctly teach this topic to another student if asked. Pre-Unit Mid-Unit Post-Unit

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| --- | --- | --- | --- | --- |
| **Target** | **Examples** | **Date:** | **Date:** | **Date:** |
| **2A.** Utilize a graph to illustrate the solution set of an absolute value inequality. | * Solve and graph on a number-line:

1. 2.  |  |  |  |
| **2B.** Understand the relationship between an equation and its graph1. Absolute Value Functions2. Piece-wise Functions3. Step Functions | * Solve and graph on a coordinate plane:

1. 2. $f\left(x\right)=\left\{\begin{array}{c}-4x, if x>2\\x-7, if x\leq 2\end{array}\right.$3. $f\left(x\right)=\left\{\begin{array}{c}2, if 0<x\leq 2\\4, if 2<x\leq 3\\-5, if 3<x\leq 5\end{array}\right.$ |  |  |  |