**Unit 6: Absolute Value and Reciprocal Functions**

Use the *Check Point* to check and reflect before completing the *Test Your Understanding Quiz* for

*Unit 6: Absolute Value and Reciprocal Functions*.

I understand how to:

|  |  |
| --- | --- |
| *Unit 6* Concepts | Place a checkmark in the appropriate column |
|  | Yes | No | Maybe |
| Relate absolute value to distance from zero on a number line  |  |  |  |
| Determine the absolute value of positive and negative Real numbers |  |  |  |
| Use absolute value to represent the distance between two points on a number line |  |  |  |
| Evaluate expressions that include absolute values |  |  |  |
| Order a set of values that includes absolutes values |  |  |  |
| Create a table of values for  given a table of values for  |  |  |  |
| Write absolute value functions using piecewise notation |  |  |  |
| Sketch and describe the characteristics of  |  |  |  |
| Solve absolute value equations using technology |  |  |  |
| Solve absolute value equations algebraically and verify the solution |  |  |  |
| Explain why has no solution |  |  |  |
| Determine and correct errors in a solution to an absolute value equation |  |  |  |
| Solve problems using absolute values |  |  |  |
| Compare the graph of to the graph of  |  |  |  |
| Determine the characteristics of the graph of  given the graph of  |  |  |  |
| Graph  given , and explain the strategy used |  |  |  |
| Graph  given , and explain the strategy used |  |  |  |

If you have any concerns from the *Check Point*, please refer to *Enhance Your Understanding* for designated practice questions and their solutions to help you improve your skills.

Contact your teacher for assistance and clarification as needed.

You have completed *Unit 6: Absolute Value and Reciprocal Functions*. Please continue with *Unit 7: Equations and Inequalities*.

Complete the *Test Your Understanding Quiz* when you have reviewed the feedback provided by your marker for your *Unit 6 Assignments.*