

## Unit 6: Absolute Value and Reciprocal Functions Check Point

### Unit Checkpoint

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 absolute values			
Create a table of values for $y =  f(x) $ given a table of values for $y = f(x)$			
Write absolute value functions using piecewise notation			
Sketch and describe the characteristics of $y =  f(x) $			
Solve absolute value equations using technology			
Solve absolute value equations algebraically, and verify the solution			
Explain why $ f(x)  < 0$ has no solution			
Determine and correct errors in a solution to an absolute value equation			
Solve problems using absolute values			
Compare the graph of $y = \frac{1}{f(x)}$ to the graph of $y = f(x)$			
Determine characteristics of the graph of $y = \frac{1}{f(x)}$ given the graph of $y = f(x)$			
Graph $y = \frac{1}{f(x)}$ given $y = f(x)$ , and explain the strategy used			
Graph $y = f(x)$ given $y = \frac{1}{f(x)}$ , and explain the strategy used			

If you have any concerns from the *Check Point*, please refer to *Enhance Your Understanding* in the *Module* 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 the *Lessons* and *Workbooks* for *Unit 6: Absolute Value and Reciprocal Functions*. Please review all work in *Workbook 6B* to ensure it is your best work. Submit *Workbook 6B* for marking at this time and continue your training with the next unit, *Unit 7: Equations and Inequalities*.

Complete the *Test Your Understanding Quiz* when you have reviewed the feedback provided by your marker for *Workbooks 6A* and *6B*.