**Unit 5: Rational Expressions and Equations**

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

*Unit 5: Rational Expressions and Equations*.

I understand how to:

|  |  |  |  |
| --- | --- | --- | --- |
| *Unit 5* Concepts | Place a checkmark in the appropriate column | | |
|  | Yes | No | Maybe |
| Determine any non-permissible values for rational expressions |  |  |  |
| Write equivalent rational expressions by multiplying the numerator and denominator by the same factor |  |  |  |
| Simplify rational expressions |  |  |  |
| Determine and simplify the sum or difference of a rational expression with the same denominator and those with different denominators |  |  |  |
| Determine and simplify the product or quotient of a rational expression |  |  |  |
| Simplify a rational expression with more than one operation (addition/subtraction/multiplication/division) |  |  |  |
| Solve rational equations algebraically including verifying the solution to watch for extraneous roots |  |  |  |
| Solve problems requiring the use of rational equations |  |  |  |

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 5: Rational Expressions and Equations*. Please continue with *Unit 6: Absolute Value and Reciprocal Functions*.

Complete the *Test Your Understanding Quiz* when you have reviewed the feedback provided by your marker for your *Unit 5 Assignments.*