Unit 4: Exponents and Radicals

Unit Checkpoint

Use the *Check Point* to check and reflect before completing the *Test Your Understanding Quiz* for *Unit 4: Exponents and Radicals*.

I understand how to:

Unit 4 Concepts	Place a checkmark in the appropriate column		
	Yes	**No**	**Maybe**
Determine the prime factors of a Whole Number			
Explain why specific numbers have no prime factors			
Use strategies for determining the GCF and LCM of Whole Numbers			
Solve problems involving prime factors, GCF, LCM, square roots, or cube roots			
Use examples to explain the meaning of the index of a radical			
Determine whether a whole number is a perfect square, perfect cube, or neither			
Use strategies for determining the square root of a perfect square and the cube root of a perfect cube			
Express an entire radical as a mixed radical in simplest form and vice versa			
Sort Real Numbers according to the subsets Irrational, Rational, Integer, Whole, Natural			
Order Irrational Numbers on the number line			
Apply and explain the Exponent Laws, including Negative and Rational Exponent Laws			
Express powers with Rational exponents as radicals and vice versa			
Solve problems using Exponent Laws or radicals			

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 4: Exponents and Radicals*. Please review all work in *Workbook 4B* to ensure it is your best work. Submit *Workbook 4B* for marking at this time and continue your training with the next unit, *Unit 5: Polynomials*.

Complete the *Test Your Understanding Quiz* when you have reviewed the feedback provided by your marker for *Workbooks 4A* and *4B*.

STOP   After all required components of Units 1 to 3 have been completed, self-assessed, and returned to you with feedback, please review the concepts covered in all three units. Contact your teacher to discuss any concepts you are unsure about. When you are ready, contact your exam supervisor or your local ADLC office to schedule an appointment to write the Midterm Exam.   **STOP**

Your overall mark for this course will be determined based on the following:

Assessment	Weighting
Explore Your Understanding Lesson Assignments	30%
Test Your Understanding Unit Quizzes	15%
Midterm	20%
Final Exam	35%

If you receive less than 40% on either the Midterm or Final Exam, your other assessment marks in this course will not be used when calculating your final mark for Mathematics 10C. In other words, if you get a mark less than 40% on either the Midterm or Final Exam, your lowest exam mark will be your final mark for the entire course.