Unit 4: Trigonometry Check Point

Unit Check Point

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

I understand how to:

Unit 4 **Concepts**	Place a checkmark in the appropriate column		
	Yes	**No**	**Maybe**
Sketch an angle in standard position			
Determine the reference angle for an angle in standard position			
Determine angles in standard position that have the same reference angle, from 0° to 360°			
Describe that any angle from 90° to 360° is the reflection in the *x*-axis and/or the *y*-axis of its reference angle			
Determine in which quadrant an angle in standard position terminates			
Draw an angle in standard position, given coordinates of a point on its terminal arm			
Show that points (x,y), $(x,-y)$, $(-x,y)$, and $(-x,-y)$ are points on the terminal arm of angles in standard position that all have the same reference angle			
Use the Pythagorean Theorem to determine the distance from the origin to a point on the terminal arm of an angle			
Determine the exact value of $\sin\theta$, $\cos\theta$, and $\tan\theta$ at any point on the terminal arm of angle θ			
Determine the sign of a trigonometric ratio, given the angle in standard position			
Solve basic trigonometric equations			
Sketch a diagram involving a triangle without a right angle			
Solve non-right triangles using primary trigonometric ratios, the sine law, or the cosine law			
Describe and explain the ambiguous case for the sine law			
Solve problems using trigonometry			

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: Trigonometry*. 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: Rational Expressions and Equations*.

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

After all required components of Units 1 to 4 have been completed, self-assessed, and returned to you with feedback, please review the concepts covered in all four units. Contact your teacher to discuss any concepts you are unsure about. When you are ready, contact your exam supervisor or your local ADLC Campus to schedule an appointment to write the Midterm Exam.

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 20-1. 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.