

In your HL textbook you will be going through chapter 6 and chapter 7. These two chapters are mostly review, but are very important so please try your best. This will be due the day we get back to school and we will have a summative covering these topics the second week of school.

In each chapter you will need to read through the chapter but only do the review questions.

Chapter 6
Page 296-300 #1-23

Chapter 7
Page 341-344 #1-26

I have also attached some videos that may help you with the assignment

Chapter 6	
6.1: Angles, circles, arcs and sectors	https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-sectors/v/area-of-a-sector-given-a-central-angle
6.2: The unit circle and trigonometric functions	https://www.khanacademy.org/math/algebra2/x2ec2f6f830c9fb89:trig/x2ec2f6f830c9fb89:unit-circle/v/unit-circle-definition-of-trig-functions-1
6.3: Graphs of trigonometric functions	https://www.khanacademy.org/math/algebra2/x2ec2f6f830c9fb89:trig/x2ec2f6f830c9fb89:trig-graphs/v/we-graph-domain-and-range-of-sine-function https://www.khanacademy.org/math/algebra2/x2ec2f6f830c9fb89:trig/x2ec2f6f830c9fb89:trig-graphs/v/tangent-graph https://www.khanacademy.org/math/algebra2/x2ec2f6f830c9fb89:trig/x2ec2f6f830c9fb89:period/v/we-amplitude-and-period https://www.khanacademy.org/math/algebra2/x2ec2f6f830c9fb89:trig/x2ec2f6f830c9fb89:period/v/example-amplitude-and-period-transformations https://www.khanacademy.org/math/algebra2/x2ec2f6f830c9fb89:trig/x2ec2f6f830c9fb89:period/v/amplitude-and-period-cosine-transformations
6.4: Trigonometric Equations	https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:sinus-eq/v/cosine-equation-algebraic-solution-set

	https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:sinus-eq/v/sine-equation-algebraic-solution-set
6.5: Trigonometric identities	https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:using-trig-id/v/examples-using-pythagorean-identities-to-simplify-trigonometric-expressions https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:angle-addition/v/trigonometry-identity-review-fun https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:angle-addition/v/cosine-addition-identity-example https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:angle-addition/v/double-angle-formula-for-cosine-example-c https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:angle-addition/v/proof-of-the-tangent-angle-sum-and-difference-identities
6.6: Inverse trigonometric functions	https://www.khanacademy.org/math/trigonometry/trig-equations-and-identities#inverse-trig-functions
Chapter 7	
7.1: Measurements in 3-dimension	https://www.khanacademy.org/math/geometry/hs-geo-analytic-geometry/hs-geo-distance-and-midpoints/v/distance-formula https://www.khanacademy.org/math/geometry/hs-geo-analytic-geometry/hs-geo-distance-and-midpoints/v/midpoint-formula
7.2: Right-angled triangles and trigonometric functions of acute angles	https://www.khanacademy.org/math/geometry/hs-geo-trig/hs-geo-solve-for-a-side/v/example-trig-to-solve-the-sides-and-angles-of-a-right-triangle https://www.khanacademy.org/math/geometry/hs-geo-trig/hs-geo-solve-for-a-side/a/unknown-side-in-right-triangle-w-trig

7.3: Trigonometric functions of an angle	https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:using-trig-id/a/trig-identity-reference
7.4: The sine rule and the cosine rule	https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:law-of-sines/v/law-of-sines https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:law-of-sines/v/law-of-sines-example https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:law-of-cosines/v/law-of-cosines-example https://www.khanacademy.org/math/precalculus/x9e81a4f98389efdf:trig/x9e81a4f98389efdf:law-of-cosines/v/law-of-cosines-missing-angle