Math Analysis CP- Unit 1: Circular and Right Triangle Trig

Can You:

* Use basic geometry to solve trig problems
* Convert degrees to radians and radians to degrees
* Convert decimal degree measures to degrees, minutes, and seconds
* Convert degrees, minutes, seconds form to decimal form
* Draw an angle in standard position
* Identify positive and negative co-terminal angles of an angle in standard position
* Find the measure of the reference angle
* Find the exact values of the 6 trig functions for angles in degrees and radians
* Use the unit circle to find exact values and angles.
* Evaluate a trig expression by making substitutions with the exact fractional values
* Solve right triangles (find all sides and angles)
* Find missing sides of a special right triangle
* Given $θ$ in standard position with P(x, y) a point on the terminal side of$ θ$. Find the exact values of the 6 trig functions of $θ$