You may have correctly determined that the reference angle is 30° and then confused secant with cosecant. To find the correct value of $\sec 330^{\circ}$ you must find the value of $\sec 30^{\circ}$ and then determine the correct sign. To determine the correct sign, use the signs of x and y in the fourth quadrant, remembering that: $\sec \theta = \frac{1}{x}$