Algebra 2CP Trigonometry U8 You Can Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Make sure “you can” do the following:

Quiz 8A (no calculator) Basic Trig

* Draw an angle with the given measure in standard position ***Page 496 #5 to 7***
* Find one positive angle and one negative angle that are co-terminal with a given angle
* Convert degree measures to radians and radian measure to degrees ***Page 496 #8 & 10***
* Calculate arc length and area of a sector ***Page 526 #8 and Page 496 #17***
* Evaluate the three basic trig functions given a triangle with two sides labeled ***Page 466 #7***
* Know and use the trig ratios for right triangles ***Page 496 #2 to 4***
* Find a missing side length of a right triangle given an angle and a side ***Page 464 #6***

Test Unit 8 More Trig (all Quiz 8A topics are eligible as test topics)

No Calculator

* Find the exact value all sine and cosine values in the unit circle

***Page 484 #41 and Page 482 #26 & 27***

* Find reference angles ***Page 482 #15 & 16***
* Given that is an acute angle of a right triangle, evaluate the other five trig functions.
* Evaluate a Trig Function given a coordinate point on the terminal side of the angle in standard position ***Page 496 #11***
* Use Trig Identities to find trig values ***Review Trig Identities WS***

Calculator OK

* Find a missing side length of a right triangle given an angle and a side using a calculator

***Page 467 #39 & 40 (only find side b)***

* Use the calculator to evaluate the three basic trig functions ***Page 475 #33 & 34***
* Solve a right triangle ***Page 464 #7***
* Use inverse trig functions to solve for a missing angle
* Solve trig applications using trig functions, inverse trig functions, law of sines, and law of cosines ***Review Right Triangle Trig Application WS***
* Use the law of sines and the law of cosines to solve triangles that are not right triangles

***Review Law of Sines and Cosines WS***