

PreCalculus 2019 - Quiz Topics 4.3 for Bogart, Monday, September 16

Calculator allowed:

- Be able to find missing sides or angles in right triangles (including real-world application) using sine, cosine, or tangent or inverses (to find angle).

No calculator allowed:

- Prove 2 of 3 trig identities. (study worksheets; view Mr. T's videos if needed)
- Given some information about trig functions (ratios in a triangle), given others. (some will have hypotenuse of 1, some will not). Webassign, homework from book are resources.
- Be able to use Pythagorean Theorem to find missing side of a right triangle if you know two sides.
- Be able to rationalize the denominator if you find the reciprocal of a fraction and a radical ends up in the denominator. EX) $1/\sqrt{3}$ needs to be rewritten as $\sqrt{3}/3$.
- True/False with identities (like 75-79 on p 287)