

Math 111 - Trigonometry

Homework Section 1.3 - Due 7th Sep

Give your answers exactly. (This means no approximations, no decimals, but square roots and fractions are okay.)

You should attempt this homework without a calculator.

1. #6 on page 27.
2. #32 on page 27.
3. #48 on page 28. Why do we need to restrict $x \geq 0$ for the line to define θ ?
(Hint: Remember to choose a “nice” point to compute with!)
4. Compute *all* angles θ such that $\csc(\theta)$ is undefined.
(*all* here means including all coterminals, if any.)