

My signature on this assessment confirms I have used no outside resources and adhered to all assessment protocols assigned to this daily grade/quiz/test/exam.

Accel Precalc

Daily Grade #21

Name _____

Unit #5: Intro to Trigonometry [25 pts]

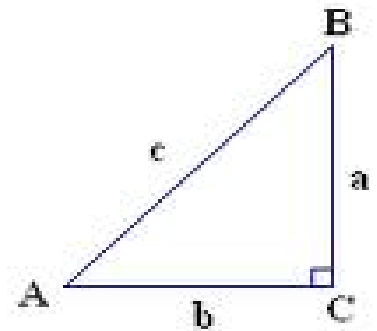
Round angle measure to nearest whole degree. All other answers round to nearest hundredth. Pay attention to the mode of your calculator.

1. Evaluate $\csc 70^\circ$. _____

2. Evaluate $\tan^{-1} 1.45$. _____

Solve for these missing parts of the right triangle given. **Correct equation must be shown to receive credit for answer.**

3. $b = 51, c = 55$ $\angle A =$ _____



4. $\angle A = 70^\circ, b = 10$ $a =$ _____

5. A Navy SONAR operator detects a submarine 350 m below the surface of the ocean. The sub is on a direct line 410 m from the ship. What is the angle of elevation of the submarine to the ship? **Correct equation must be shown to receive credit for your answer.**

Answer = _____

