Name:

BECA / Dr. Huson / Geometry 6 Trigonometry

6.12 Quiz: Calculations   **CCSS.HSG.SRT.C.8**

Express the result to the nearest hundredth. (Degree measures to whole degrees)

1. $\tan 25° =$

2. $\tan 1.25 \, \text{radians} =$

3. $\tan^{-1}(\frac{7}{5}) =$ degrees

4. $\tan^{-1}(\frac{20}{13}) =$ radians

5. Convert radians and degrees. (nearest whole degree, nearest hundredth radian).

    (a) $35° =$ (b) $0.45 =$

    Challenge

6. Find the value, rounding to the nearest hundredth.

   $c = \sqrt{(-7.625)^2 + (\sqrt{83})^2}$

7. Solve for x

   $5 = \sqrt{8x - 15}$