Key/Rubric

Quiz 0

This is a two-stage quiz. During the first stage, use your knowledge & calculator to take this quiz. You have 15 min. In the second stage, you are now welcome to use your books, notes, and students in the class to retake the same quiz. You have 15 min. to write one solution (with everyone's name on it!!!) to be turned in for the group.

Show *all* your work. Reasonable supporting work must be shown for any partial credit.

1. [2] What major(s) are you *interested* in at this point?

   At Pacific Lutheran University I was interested in: Math, Economics, and Computer Science (I ended up getting degrees in Math and Computer Science)

2. [2] Why are you/How did you get interested in the major(s) listed above?

   My grandpa would do math puzzels and games with me.

3. [2] What *resources* do you think will help you succeed in university?

   My friends in class. Here we have the Teaching & Learning Center, workshops run by our embedded tutor, and collaborative learning (TMath 159) running in TR 251 Tuesdays & Thursday 12:05-1:25

4. [2] What will *you* do to help you succeed in university?

   I would usually compare my work with others in the class before turning it in. I caught a lot of mistakes that way. (No rewrites were allowed for me so I only had 1 shot.)

5. [2] Solve for x given: $\frac{1}{x} + \cos(0) = 4$.

   cos(0) (1.5) alg (1) got (1.5)

   $\frac{1}{x} + 1 = 4$ $\quad -1 \quad -1$ $\quad \frac{1}{x} = 3 \cdot x$ $\quad \frac{1}{3} = \frac{3x}{3}$ $\quad \frac{1}{3} = x$

   or

   $\frac{1}{x} + 1 = 4$ $\quad \frac{1}{x} + \frac{x}{x} = 4$ $\quad \frac{1+x}{x} = 4 \cdot x$ $\quad 1+x = 4x$ $\quad -x \quad -x$ $\quad 1 = 3x$ $\quad \frac{1}{3} = \frac{3x}{3}$ $\quad \frac{1}{3} = x$