

Rth Vanderpal

# Quiz 0

This is a two-stage quiz. During the first stage, use your knowledge & calculator. 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 the remainder of the quiz time to write one solution (with everyones name on it!!!) to be turned in for the group.

- [2] What do you want the instructor to know about you?  
If this is stage 2 of the quiz, what do you want other students to know about you?  
(There could be one thing shared by everyone or 3 separate items.)

I have two kids so I am a working parent.  
My time is always short. I'd like at least 15 mins that way.

- [3] What should a university degree do for a person/you?  
If this is stage 2, there could be one thing shared by everyone or 3 separate items.

Introduce topics / ideas / subjects I've never thought about before and to give me a well rounded education to be a good citizen.

- [3] What characteristics do you think make a good student. Which do you have?  
If this is stage 2, there could be one thing listed by everyone or 3 separate items.

Curiosity, willingness to share experiences with others - to form a community, to fail and try again, make notes & deadlines & pay attention when instructors say things are their favorite.

- [2] Let  $a$  and  $b$  be real, non-zero numbers. Add  $\frac{1}{a} + \frac{1}{b}$ .

$$\begin{aligned} \frac{1}{a} + \frac{1}{b} &= \frac{1}{1} \cdot \frac{1}{a} + \frac{1}{1} \cdot \frac{1}{b} \\ &= \frac{b}{b} \cdot \frac{1}{a} + \frac{a}{a} \cdot \frac{1}{b} \\ &= \frac{b}{ba} + \frac{a}{ba} = \frac{b+a}{ba} \end{aligned}$$

Step 1 (15)  
Common Den (15)

50  
50

these are my answers  
Do the only correct answers