

Quiz 0

Key/instructor's answers

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

1. [2] What would you like to be called and what are your pronouns?

If this is stage 2 of the quiz, write down everyone's preferences.

"Rm", but "Vanderpool" syllables so I tried to hear it better
she/her

2. [1] What career/major are you thinking about going into/are in?

If this is stage 2 of the quiz, write down everyone's intentions.

University Teaching / mathematics & computer science

3. [2] Write down something that you are good at.

If this is stage 2 of the quiz, write down everyone's answer.

pie crusts

4. [3] Explain how you got good at it. If this is stage 2, write down any methods that you *all* used.

LOTS and LOTS of practice!

5. [2] Let a and b be real, non-zero numbers. Add $\frac{1}{a} + \frac{1}{b}$.

$$\frac{1}{a} + \frac{1}{b} = \frac{b}{b} \frac{1}{a} + \frac{1}{b} \frac{a}{a} \\ = \frac{b}{ba} + \frac{a}{ba} = \frac{b+a}{ba}$$

(+5) common den
(+5) multipliers
(+5) to a denominator
got it (+5)

Recall $\frac{1}{2} + \frac{1}{3} = \frac{3}{3} \cdot \frac{1}{2} + \frac{1}{3} \cdot \frac{2}{2} \\ = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$