

Grading Rubric
Jeff Anderson's Math 1C Quiz Submissions

Below is a guide to my grading rubric for the Math 1C, Quiz 1, Draft 1 submissions:

Green: A-quality work

- Met or Exceeded Most Expectations
- May still have some opportunity to dig deeper (I'll comment in red with ideas)

Yellow: B- or C- quality work

- Met Some Expectations but missing others
- Possible arithmetic or conceptual errors
- Opportunity to dig deeper

Red: On your way to passing

- Substantial lack of supporting evidence
- Evidence of misconception
- Possible arithmetic or conceptual errors
- Incomplete concept image

For every quiz you submit, I give you at least two chances to get each problem up to green level. If you can get all your work to green, you will earn an A in this class... You can have as many chances as you need to do this.

For me, I care much more about your reasoning and explanations. The correct answer is important, of course, but compared to your other work, correct answers provide a lot less evidence of strong understanding and mastery.

For an introductory-level class like Math 1C, I like to encourage my students to describe math and solutions using the model VANVS for the type of concept images they exhibit.

Beginner Level:

V: Verbal descriptions

A: Abuelita (intuitive) language

N: Nerdy (formal) language

V: Visual representations

S: Symbolic representations

Intermediate Level:

P: Problem solving applications

A: Algorithmic calculations

L: Logical descriptions

Advanced Level:

M: Modeling scenario(s)

C: Computer-based thinking

For green and yellow problems, I'm looking for evidence of VANVSA. I want to see evidence of a robust concept image with multiple dimensions of understanding captured in your work.

ASSESSMENT OF LEARNING

Not Mastered

Mastered

ACTUAL LEARNING

Not Mastered

Accurate

I judge that you have not learned and you actually haven't learned yet.

Error

I judge you as not having "learned" but you actually have mastered the relevant concepts.

Mastered

Error 1

I judge you as having "learned" the material but you don't have it fully mastered yet.

Accurate

I judge that you've mastered material and you've actually mastered material