

# Astronomy 110G

Quiz 1, Section 3B, 3C

## 1 Background Information

1. **Name:** Allison M. Widhalm
2. **Email:** widhalm@nmsu.edu
3. **Previous MATH classes taken (including high school):**  
High School (in Plano, Texas): Algebra 1,2, Geometry, Calculus 1  
Undergrad (in Los Angeles, CA): Calculus 1,2,3, Ordinary Differential Equations, Partial Differential Equations
4. **Previous PHYSICS classes taken (including high school):**  
High School: Honors Physics (but I hated it)  
Undergrad: Physics 1,2,3 (intro to mechanics, thermodynamics, electricity & magnetism), Classical Mechanics, Quantum Mechanics 1,2, Electro& Magneto-statics, Thermodynamics
5. **Previous SCIENCE classes taken (including high school):**  
High School: Honors Biology, Honors Chemistry, and that stupid physics class I took.  
Undergrad: Astronomy 100 (just like this class!), all the above mentioned physics classes, and Astronomy 400,410,420,440 (if you're interested, I can divulge the meaning behind those numbers sometime), and independent research (astronomy)
6. **What is your major? Why did you pick this major? If you are undecided, what area of study are you interested in and why?**  
ASTRONOMY!!! I love astronomy. I also like math. I am a nerd (which only means that I get excited about learning about a specific thing— everyone is a nerd in some way! :) ). I picked this major when I was a freshman at the University of Southern California after being a BUSINESS major my first semester! I took Astronomy 100, and realized that I wanted to devote my life to finding answers to deep questions about the Universe. Right now I want to answer the question: How did the Milky Way Galaxy

evolve from the gaseous body it once was, billions of years ago? The Milky Way is our home; what makes the gas dynamics that birthed it unique, in that it harbours life??

7. **What do you hope to learn in this class?**

everyone's names... :)

8. **Why are you taking this course (requirement/interested/other)?**

9. **If you had a super power, what would it be, and why?**

I'd want to be able to read people's minds (and be able to turn off this power at will). I think communication is a sorely misunderstood topic. Above anything else, I want to be able to understand everyone I meet. Also, then maybe I could be a diplomat, and cure some ridiculously difficult communications that cause war (I am of the opinion that war is never needed; it's all misunderstanding that needs to be rectified).

10. **Tell me something interesting about yourself:**

I LOVE CANDY!!! mmmmmm... yum yum. And I love to cook. And I love to knit!! And I love to learn languages (almost fluent in French, know Spanish un pequitititititito). And I want to travel the world, and learn as much about other cultures as I can in my lifetime.

11. **In this lab, what was the hardest concept covered?**

**DON'T FORGET TO READ THE LAB FOR NEXT WEEK!!!!**

## **2 Learning Style**

1. **When learning something new, you**

- (a) like to have the aid of diagrams, posters, or a demonstration.
- (b)
- (c)

2. **When you are reading, do you**

- (a) visualize in your mind the descriptive passages?
- (b)
- (c)

3. **When you are spelling, do you**

- (a)
- (b) sound the word out before or as you spell it?

(c)

**4. When concentrating on something, you**

- (a) are distracted by movement and untidiness around you.
- (b)
- (c)

**5. When problem solving, you**

- (a) write the problem down or draw diagrams to visualize it.
- (b) talk to someone (or yourself) about it.
- (c)

**6. If you are putting something together, you**

- (a) follow the instructions and look at the pictures.
- (b) wish there was a video or tape explaining what to do.
- (c)

**7. When trying to recall names, do you remember**

- (a)
- (b)
- (c) clearly the situation in which you met them?

**8. When giving directions to someone, you**

- (a) visualize the route first or draw a map.
- (b)
- (c)

**9. If you need help with a particular computer application, would you**

- (a) look for pictures or diagrams to explain the solution?
- (b)
- (c)

**10. You can remember a list of items best if you**

- (a) write them down.
- (b)
- (c)

My answers were mostly (a), so this means that I am a visual learner (I like to visualize the problem or situation in my head, or see it in front of me).