

What You Should Know!

- 1.) What can you tell me about an atom?
 - a.) What's it made of?
 - b.) How big are its parts? How big is it (and what does the symbol \AA designate—what's its name and how is it defined?)
 - c.) Anything moving and, if so, how fast?
 - d.) What amazing fact can you tell me about the atom?
- 2.) If you had to pick a single word to describe the physical world, what would it be?
- 3.) Do you ever really touch anything? Explain.
- 4.) What did Newton say about gravity?
- 5.) How did Einstein say about gravity?
- 6.) What was Newton's gravitational equation?
- 7.) Where did 9.8 m/s/s come from?
- 8.) What's the deal with time?
- 9.) How many dimensions does space have according to Newton? Einstein?
- 10.) When does Newton's theory fall apart? (there are three instances)