

Please don't worry about getting the "right" answer (for now!). We are interested in what you think – before we start learning about a particular topic. This material will be discussed in class on Friday. So do your best to answer these questions (you will get credit for effort and participation on these kinds of assignments)

1. Give an example of a "scientific" question. Explain why you think it is scientific.
2. Give an example of a non-scientific question, and explain why you think it is non-scientific.
3. What is the difference between the two? How did you make this distinction?
4. What makes a **theory** scientific (as opposed to a good idea that you came up with on the spur of the moment)?
5. What **evidence** do you know of that you could use to justify the existence of atoms?