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| **Questions** | **Notes** |
| What are the “fundamental building blocks of all matter” (i.e. everything)?  What does Bill cutting the piece of cheese represent?  What particles are in atoms?  Draw a model of an atom.  Why are model diagrams of atoms not totally accurate?  How tiny are atoms?  How do electrons move in an atom?  How is this different from protons and neutrons?  Fill out the charge for each particle. Draw a cartoon of each particle to represent its charge.  Why do speedy electrons not fly away from an atom?  Record the mass of each particle.  Copy and complete this sentence: Most of an atom is… | Proton:  Neutron:  Electron:  Proton:  Neutron:  Electron: |
| Summary | |