

Unit 2, Video 1: Parts of the Atom

1. True or False: Electrons travel around the nucleus like planets around the sun.
2. True or False: Protons and neutrons are roughly the same size.
3. True or False: We ignore the mass of the electron because it is located outside of the nucleus.
4. How many protons are in an atom of xenon?
5. How many protons are in an atom of helium?
6. True or False: You can find the mass number on the periodic table.
7. Write the formula for mass number:

8. Fill in the missing information from the table below:

Element	Atomic Number	Mass Number for This Specific Atom	Protons	Neutrons
calcium		42		
aluminum				14
			26	25
	17	36		