

# Lab Practical Review

18 questions

1 hour to complete the  
exam 14 MC

4 short answer/essay

Need a total of 228 points to pass the core (Lab)

Review weekly labs

Read instructor comments on incorrect answers

# Week 1 Lab

## Scientific method

- Observation
- Hypothesis
- Experimental design
- Results
- Theory

**Independent variable** – cause –

Amount of water given to plants

**Dependent variable** - effect – growth of plants

**Theory** – Explains why you got the results. Water helps plants grow because water is needed for metabolism which is cellular

growth.

# Week 1 Lab

**Protons** - +1 charge – nucleus

**Neutrons** – No charge – nucleus

**Electrons** - -1 charge – outside nucleus

**Atomic number** – number of protons

**Mass number**– include protons and neutrons

In a neutral element, the number of electrons = n