# Physics 112

#### Friday, February 22/19



- 1. Return -> SA Basic Knowledge and Skills
- 2. Review: Primary Trig Ratios
  Emoticon Mosaics
- 3. Review: Law of Pythagoras
- 4. Rubric Adding Vectors Analytically
- 5. Worksheet U1 S1: Vector Analysis

#### Physics 122

Friday, February 22/19

http://mvhs.nbed.nb.ca/

- 1. FA Force Problem Type I Pull
  - FA Force Problem Type I Push
  - FA Force Problem Type II Simple
  - FA Force Problem Type II Complex
  - FA Force Problem Type III Inclined Plane
  - FA Force Problems Type I, II and III
- 2. Example #2 Static Torque
- 3. Worksheet Static Torque #1

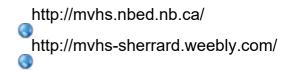
## Science 122 Friday, February 22/19



- 1. SA -> Optics
- 2. Worksheet Practice Problems on Lenses in Combination Worksheet Extra Problems Double Lenses

#### Science 10

Friday, February 22/19



- 1. SA Chem #1
  - Topics
  - Date: Friday, February 22/19
- 2. Assignment: Periodic Table of Me, Myself and I Date: Friday, Feb. 22/19
- 3. Worksheet: Bohr-Rutherford Diagrams Atoms to Ions
- 4. Worksheet Chemistry: Ions and Subatomic Particles
- 5. Optional Assignments
- 6. Naming Monatomic Ions
- 7. Worksheet #1 Monatomic Ions
- 8. Ionic Compounds
- 9. Simple Binary Ionic Compounds

Proton - rentron electron

## Topics: SA - Chem #1

- 1. chemistry
- 2. matter
- 3. types of properties: physical and chemical
- 4. types of changes: physical and chemical
- 5. atoms -> building blocks of matter
  - -> three subatomic particles: p<sup>+</sup>, n, e<sup>-</sup>
  - -> locations of three subatomic particles
  - -> electrically neutral:  $\#p^+ = \#e^-$
- 6. element
- 7. chemical symbols
- 8. periodic table of the elements periods (rows)
  - groups/families (columns)
  - family and period names
  - location of metals, nonmetals and metalloids
- 9. atomic number = number of protons
- 10. standard atomic notation
- 11. Bohr-Rutherford Diagrams