#### Science 10 Wednesday, February 15/17

- http://mvhs.nbed.nb.ca/
  http://mvhs-sherrard.weebly.com/
- 1. Assignment Autobiographical Poem
   Due: Monday, February 6/17
   4 Days Late
- 2. Assignment #1 Chemistry to Atomic Number- Due Today -> Place in Drawer for Marking
- 3. Worksheet #1 Monatomic Ions
- 4. Assignment Your Name in Chemical Symbols- Due: Friday, Feb. 17/17
- 5. Ionic Bonds
- 6. Simple Binary Ionic Compounds
- 7. Worksheet #2 Simple Binary Ionic Compounds
- 8. Polyatomic Ions
- 9. Ionic Compounds with Polyatomic Ions
- 10. Worksheet #3 Ionic Compounds with Polyatomic Ions

### Physics 112

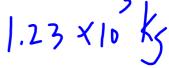
Wednesday, February 15/17

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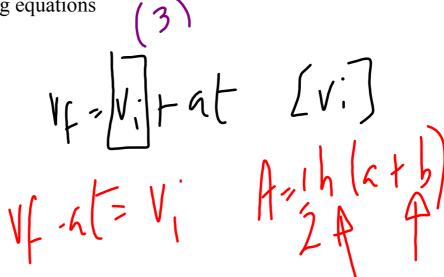
- http://mvhs-sherrard.weebly.com/
- 1. Assignment Alphabetical Autobiography
  - Due: Monday, Feb. 6/17
  - 4 Days Late
- 2. Check -> Worksheet Conversions and Rearranging Formulas
- 3. Summative Assessment Basic Skills
  - Topics
  - Friday, Feb. 17/17
- 4. Big Table of Concepts
- 5. Concept Sheet: Unit 1 Kinematics Section 1 - Vector Analysis
- 6. Mechanics
- 7. Types of Physical Quantities
- 8. Vectors: Direction, Notation and Representation
- 9. Adding Vectors Graphically
- 10. Worksheet Order of Vector Addition
- 11. Range of Resultant Magnitudes

## SA: Basics Skills - Topics

- 1. physics definition
- 2. physical quantity definition
- 3. motion vocabulary symbols, units, definitions
- 4. scientific notation general form, calculator



- 5. SI system quantities and 7 base units (names/symbols)
  - derived units
- IN= 1kgm
- 6. SI prefixes names, symbols and powers of ten
- 7. metric conversions (3)
- 8. accuracy/precision
- 52.0 m 350
- 9. significant digits in a given measurement
  - precision (+ and -) & certainty (x and  $\div$ ) rules
- 10. rearranging equations



### Physics 122 Wednesday, February 15/17

- http://mvhs.nbed.nb.ca/
  http://mvhs-sherrard.weebly.com/
- 1. Return: FA -> Finding R Using Perpendicular Components
- 2. FA Type I
- 3. Force Problem Type II: Suspended Objects Simple
- 4. Worksheet Type II: Suspended Objects Simple HW
- 5. Force Problem Type II: Suspended Objects Complex
- 6. Worksheet Type II: Suspended Objects Complex HW

Physics 122 FA - Finding R Using Perpendicular Components Monday, Feb. 14/17

Three forces act simultaneously on point P. The first force is 10 N east. The second force is 15 N south. The third force is 28 N,  $46^{\circ} \text{ S}$  of E. Find the resultant force.  $(46 \text{ N}, 50^{\circ} \text{ S} \text{ of E})$ 

# Formative Assessment - Type I - Force Problem Wednesday, Feb. 15/17

A block is pulled along a horizontal surface by a string. The string makes an angle of 30° to the horizontal and is pulled by a 100 N force. If the coefficient of friction between the surface and block is 0.23, and the magnitude of the acceleration of the block is 1.7 m/\$, what is the mass of the block? (25 kg)