

Science 10

Thursday, February 22/18

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1. **Assignment - Your Name in Chemical Symbols**
- Due: Today - Wednesday, Feb. 21/18
 2. Return -> FA - Atoms and Ions
 3. Ionic Compounds Containing Polyatomic Ions - Examples
 4. **Worksheet #3 - Ionic Compounds Containing Polyatomic Ions Practice**
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5. Transition Elements
 6. Multivalent Metals and Their Ions
 7. Ionic Compounds Involving Multivalent Metals
 8. Nomenclature Worksheet #4 - Ionic Compounds Containing Transition Elements
 9. Recap: Types of Ions
 10. Examples: Types of Ions
 11. Worksheet #5 - Ionic Compounds Summary

Science 10
FA - Atoms and Ions (A)

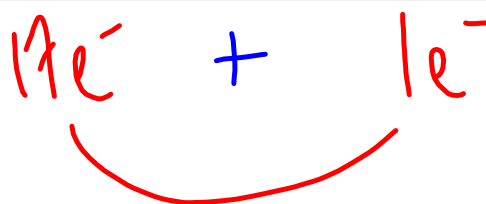
Name - _____

Complete the table below. You may use your periodic table of the elements and periodic table of the ions.

pink.

green.

Element Name	Element Symbol	Atomic Number	# of Protons	# of Electrons in the Atom	Ion Name	Ion Symbol	# of Electrons in the Ion	Ion Charge
chlorine	Cl	17	17	17	Chloride (ion)	Cl ⁻	18	1-
argon	Ar	18	18	18	X	X	X	X
			47					
		93						
						As ³⁻		



Physics 112

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1. Request for Redo Forms
Redo by Friday, Feb. 23/18 → *In-class*
 2. Vector Extension - Submit if you would like yours checked.
 3. FA - Calculating **R** Analytically
 4. Types of Motion - Continue
 5. Directions of Velocity and Acceleration
 6. Position-Time Graphs
 7. Position-Time Graph: Direction of Motion
 8. Position-Time Graph: Direction of Motion
 9. [Velocity-Time Graphs - Complete](#)
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10. Velocity-Time Graph: Direction of Motion
 11. Velocity-Time Graph Calculations
 12. Worksheets - Velocity vs Time Graphs

Formative Assessment - Find **R** Analytically

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Two displacement vectors are 24 m [S] and 18 m [E]. Find the resultant displacement graphically.

Physics 122

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1. Return: Justified FAs for Type II Complex

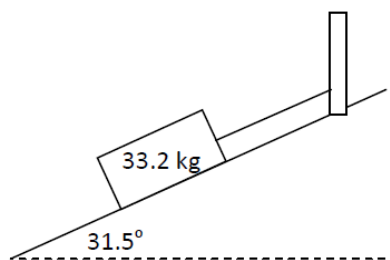
2. FA - Type III - Inclined Plane (DE1.7)

3. Check
Worksheet - Type III Force Problems

4. [Worksheet - Force Problems: Type I, II and III](#)
[Worksheet - Extra Type1, II, and III Force Problems](#) } Practice

FA - Type III Force Problem (DE1.7)

The block in the diagram is at rest. The tension in the cable is not the force keeping the block from sliding down the incline. Static friction is also present. If the coefficient of static friction is 0.214 determine the tension in the rope.



Science 122

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MADD Presentation

1. Check Review Concept and Application Questions from old red.
2. Experiment 37 - Image Formation by a Converging Lens - P167
3. Worksheets - Lenses in Combination