



Atom

Non-metal $\rightarrow e^-$

Ion Metal $\rightarrow e^-$

Name _____

Atomic Charges

element	# of protons	# of electrons	ending electron distribution	# of valence e ⁻	family #	to become stable	# of protons	# of electrons	ion charge
Li	<u>3</u> p ⁺	<u>3</u> e ⁻	<u>2s¹</u>	<u>1</u>	<u>1</u>	<u>(lose)</u> <u>1</u> e ⁻	— p ⁺	— e ⁻	
Be	<u>4</u> p ⁺	<u>4</u> e ⁻	<u>2s²</u>	<u>2</u>	<u>2</u>	<u>(lose)</u> <u>2</u> e ⁻	— p ⁺	— e ⁻	
B	<u>5</u> p ⁺	<u>5</u> e ⁻	<u>2p¹</u>	<u>3</u>	<u>13</u>	<u>(lose)</u> <u>3</u> e ⁻	— p ⁺	— e ⁻	
C	<u>6</u> p ⁺	<u>6</u> e ⁻	<u>2p²</u>	<u>4</u>	<u>14</u>	<u>(lose)</u> <u>(gain)</u> <u>—</u> e ⁻	— p ⁺	— e ⁻	
N	<u>7</u> p ⁺	<u>7</u> e ⁻	<u>2p³</u>	<u>5</u>	<u>15</u>	<u>(lose)</u> <u>(gain)</u> <u>—</u> e ⁻	— p ⁺	— e ⁻	

CHEMISTRY: A Study of Matter

4.15

Worksheet Predicting Ionic Charges Answers

N Noddings



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web oct 10 2015 this is a very simple program for designing convergent divergent cd nozzle it gives the profile for the divergent part of the cd nozzle the area ratio is