

Name _____ Period _____

College Prep Chemistry

Assignment 2E – Lewis Dot Structure Review

20 Points

Complete the chart below based on the Lewis Dot Structure for each element/ion shown below

Base Dot Structure 	Ion Dot Structure 	Base Dot Structure Cs	Ion Dot Structure Cs	Base Dot Structure Ba	Ion Dot Structure Ba
Element Group 3A	Ion Charge +3	Element Group	Ion Charge	Element Group	Ion Charge
# Neutral Valence e ⁻ 3	# Ion Valence e ⁻ 0	# Neutral Valence e ⁻	# Ion Valence e ⁻	# Neutral Valence e ⁻	# Ion Valence e ⁻
Base Dot Structure As	Ion Dot Structure 	Base Dot Structure 	Ion Dot Structure 	Base Dot Structure Se	Ion Dot Structure Se
Element Group	Ion Charge	Element Group 7A	Ion Charge -1	Element Group	Ion Charge
# Neutral Valence e ⁻	# Ion Valence e ⁻	# Neutral Valence e ⁻ 7	# Ion Valence e ⁻ 8	# Neutral Valence e ⁻	# Ion Valence e ⁻
Base Dot Structure 	Ion Dot Structure 	Base Dot Structure 	Ion Dot Structure 	Base Dot Structure In	Ion Dot Structure In
Element Group 6B	Ion Charge +6	Element Group 4A	Ion Charge +4	Element Group	Ion Charge +3
# Neutral Valence e ⁻ 2	# Ion Valence e ⁻ 0	# Neutral Valence e ⁻ 4	# Ion Valence e ⁻ 0	# Neutral Valence e ⁻	# Ion Valence e ⁻