

Name _____ Period _____

College Prep Chemistry of the Earth

Assignment 5D – Multi Covalent Bonding

20 Points

Complete the dot and structural formula for the following diatomic elements.

Diatomic Oxygen (O ₂)	Diatomic Nitrogen (N ₂)
Diatomic Element Dot Structure	Diatomic Element Dot Structure
O O	N N
Diatomic Element Structural Formula	Diatomic Element Structural Formula
O O	N N

Complete the dot and structural formula for the following simple molecules elements.

Carbon Dioxide (CO ₂) (2 Double)	H ₂ CO (1 Double 2 Single)
Diatomic Element Dot Structure	Diatomic Element Dot Structure
O C O	H C O H
Diatomic Element Structural Formula	Diatomic Element Structural Formula
O C O	H C O H