

Name : _____ Date : _____

Types of Bonds Practice Worksheet

Identify the more and less electronegative elements in the pair of atoms. Also, determine the type of bond between them.

Constituent Atoms	More Electronegative Element	Less Electronegative Element	Bond Type
Carbon + Oxygen			
Sulfur + Hydrogen			
Oxygen + Hydrogen			
Hydrogen + Fluorine			
Sulfur + Cesium			
Chlorine + Bromine			
Calcium + Chlorine			
Nitrogen + Hydrogen			
Iodine + Iodine			
Copper + Sulfur			

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Answers

Constituent Atoms	More Electronegative Element	Less Electronegative Element	Bond Type
Carbon + Oxygen	Oxygen	Carbon	Covalent
Sulfur + Hydrogen	Sulfur	Hydrogen	Covalent
Oxygen + Hydrogen	Oxygen	Hydrogen	Covalent
Hydrogen + Fluorine	Fluorine	Hydrogen	Hydrogen
Sulfur + Cesium	Sulfur	Cesium	Ionic
Chlorine + Bromine	Chlorine	Bromine	Covalent
Calcium + Chlorine	Chlorine	Calcium	Ionic
Nitrogen + Hydrogen	Nitrogen	Hydrogen	Covalent
Iodine + Iodine	Iodine	Iodine	Covalent
Copper + Sulfur	Sulfur	Copper	Ionic