

**WKS 5-1: MIXED FORMULA WRITING (1 pg)**

**NOTE: IN ORDER TO EARN A STAMP FOR THIS WORKSHEET YOU MUST GRADE THE WORKSHEET (EACH TEACHER HAS A KEY)!**

(1) CLASSIFY each of the following substances as:

- Ionic
- Acid
- Inorganic Covalent
- Organic Covalent

Grading Verified by Teacher:
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(2) Write a CORRECT chemical formula for each of the following substances.

SUBSTANCE NAME	CLASSIFICATION	FORMULA
Cadmium sulfide		
Lead (IV) permanganate		
Phosphoric Acid		
Sulfur trioxide		
Tetraphosphorus decoxide		
Sodium carbonate		
Cyclobutane		
Magnesium chloride hexahydrate		
Cesium hydrogen sulfate		
Aluminum sulfide		
Decane		
Sulfur tetrafluoride		
Carbon disulfide		
Ammonium phosphite		
Dinitrogen tetrafluoride		
Dichlorine heptaoxide		
Hydrosulfuric acid		
Barium dichromate		
Diarsenic trioxide		
Calcium sulfate dihydrate		
Tin (II) nitride		
Zinc phosphate		
Sulfurous acid		
Perchloric acid		