

Name _____ Date Due _____

Chemical Names

1. Work out the chemical names...

Remember for chemical names with prefixes (di, tri etc.) you can just write them straight down. For others you'll need the valency-cross-over method!

Name	Formula
Phosphorus pentafluoride	PF_5
Calcium hydride	CaH_2
Sodium Bromide	
Magnesium Bromide	
Silicon Oxide	
Silicon fluoride	
Barium nitride	
Gallium Arsenide	
Strontium Selenide	
Dinitrogen tetroxide	

2. Work out the chemical names...

Remember, the number in brackets is the valency of the element before it!

Name	Formula
Iron(III) Oxide	Fe_2O_3
Copper(II) Chloride	CuCl_2
Manganese(II) Fluoride	
Palladium(II) phosphide	
Nitrogen triiodide	
Xenon hexafluoride	
Manganese(VII) Oxide	
Osmium tetroxide	
Cobalt(II) Chloride	
Sodium Chloride	
Hydrogen Oxide	
Carbon hydride	
Zinc(II) Bromide	
Silver(I) Oxide	
Pentaboron undecahydride	