



NAMING COMPOUNDS & ACIDS

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Consists of:

①

②

③

Transition Metal (Roman Numeral) Nonmetal

ending in ide

Example 3:

① lead ② (IV) ③ oxide

Charge of transition metal

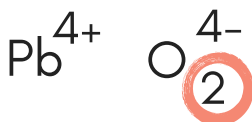
Step 1: Identify the symbol and charge of the metal and nonmetal.



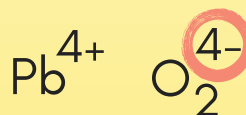
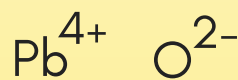
Step 2: Make sure charges are balanced/the same. In this case, they are not. So we have to add a subscript so the charges balance out.



Since we want the same charges, the common charge is 4, then O needs a 2 subscript.



By putting that 2 subscript, you're really just multiplying your charge by 2.



Since charges have opposite signs and are the same number, they can cancel out. Final answer never shows charges.

Chemical Formula: PbO_2