Functional groups priority pdf worksheet pdf template free

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Last updated: March 21, 2021 |How to determine which functional group has Ã¢Â´PriorityÃ¢Â´ÂÂÂ´PriorityÃ¢ÂÂÂ´PriorityÂÂ´PriorityÂ´¢ÂÂÂ´PriorityÂ´ for naming purposesHere you try to name a molecule. You're familiar with familiar naming suffixes like -ol, -ene, -ane, -oic acid and so on. But then you come across a molecule that has multiple functional groups. What do we do? What suffix does the molecule give?We need some sort of priority system for nomenclature. And so, IUPAC (think of the Ã¢ÂˆÂ¢ÂÃˆâˆâˆâˆâˆâˆâˆâˆâˆMagicÃˆ, but for chem If we have a molecule with, say, a carboxylic acid and a ketone, we refer to the table. The functional group with the highest priority will be the one that gives its suffix to the name of the molecule. Thus, in example #1 above, the suffix of the molecule is acidic to acidic, because carboxylic acids are given higher priority. However, if a ketone is present with an alcohol (example 3), then let's use the suffix, ÂÂÂ