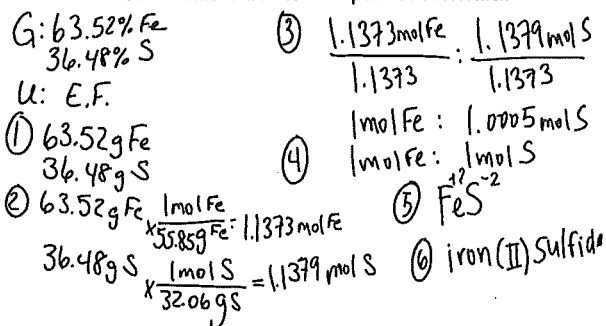


Empirical Formula - the smallest whole number ratio of atoms in a compound.

Steps

1. get grams
2. change grams to moles
3. divide all moles by the smallest answer
4. get ratio
5. write empirical formula
6. name compound

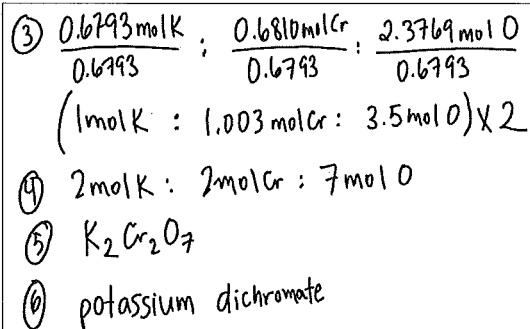
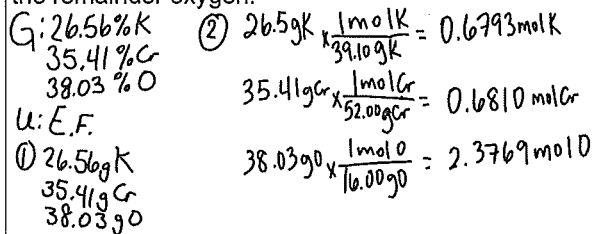
Ex 1: A compound is found to contain 63.52% iron and 36.48% sulfur. Find its empirical formula.



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Ex 2: Find the empirical formula of a compound that contains 26.56% potassium, 35.41% chromium, and the remainder oxygen.



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