



## ACROSS

- 1 \_\_\_\_\_s are organic compounds and a type of functional group that contain nitrogen as the key atom. Structurally they resemble ammonia, wherein one or more hydrogen atoms are replaced by alkyl and aryl groups.
- 5 \_\_\_\_\_ acids are organic acids characterized by the presence of a carboxyl group.
- 6 \_\_\_\_\_ acid is a colorless crystalline solid and the simplest aromatic carboxylic acid.
- 7 Amines and nitrogen-containing heterocyclic compounds are organic \_\_\_\_\_s.

## DOWN

- 1 \_\_\_\_\_ acid, also known as ethanoic acid, is an organic chemical compound best recognized for giving vinegar its sour taste and pungent smell.
- 2 \_\_\_\_\_, also known under an older name of carbolic acid, possesses a structure consisting of a hydroxyl group bonded to a phenyl ring.
- 3 A \_\_\_\_\_ is the conjugate base of an alcohol and therefore consists of an organic group bonded to a negatively charged oxygen atom.
- 4 A \_\_\_\_\_, or ethanoate, is a salt or ester of acetic acid.