



High Oleic Oil Naming Acids

Name _____

Date _____

Watch the following video: <http://youtube/a5nC2evhUa0> then complete this sheet.
Check with the answer sheet when completed.

Acids readily form H^+ ions in aqueous solutions. To name them, do the following:

1. **Binary Acids** (H + 1 other element) or (H + polyatomic ion w/o oxygen)
(H + 1 polyatomic ion w/o oxygen)
- Starts with "hydro"
 - Name second element, dropping the last 3 letters and adding "ic"

Ex: HCl _____

HBr _____

HF _____

HI _____

2. **Oxyacids** (H + polyatomic ions w/oxygen)

Identify oxyanion

- If poly -ion ends in "ate" → name ends in "ic"
- If poly -ion ends in "ite" → name ends in "ous"
- Name ends in "acid"

Ex: H_2SO_4 _____

Ex: H_2SO_3 _____

Ex: H_2CO_3 _____

Ex: HNO_3 _____

Ex: HNO_2 _____

Ex: H_3PO_4 _____

Ex: $HClO_3$ _____

Ex: $HC_2H_3O_2$ _____