1. Find the molar mass for the following molecules.

|  |  |
| --- | --- |
| 1. NO
 | 1. SnC2O4
 |
| 1. ammonia
 | 1. acetic acid
 |
| 1. carbon dioxide
 | 1. CH3CH2CH3
 |
| 1. calcium hydroxide
 | 1. iron (lll) chloride
 |
| 1. aluminum nitrate
 | 1. magnesium sulfate heptahydrate
 |

1. It was found that 2.41x10-2 moles of an oxide of iron has a mass of 5.6 grams. Is this oxide of iron FeO, Fe2O3, or Fe3O4?