

## Answer on Question #43194, Chemistry, Other

### Question:

a chemical is heated in a test tube brown fumes come out and a black residue is left behind

1. name the chemical which gives brown fumes
2. write the equation
3. name the compound which gives black residue

### Answer:

1.  $\text{NO}_2$  (Brown fumes)
2.  $2\text{Cu}(\text{NO}_3)_2 \rightarrow 2\text{CuO} + 4\text{NO}_2 + \text{O}_2$
3.  $\text{CuO}$  (Black solid)