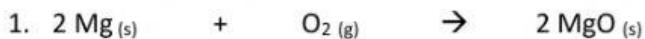


NAME: _____

STOICHIOMETRY WORKSHEET

A. Interpret the following reactions in terms of representative particles, moles and mass:



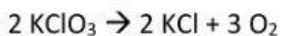
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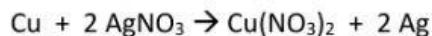
B. Solve the following stoichiometry problems and write the correct answer with units.

1. How many moles of O_2 can be produced by letting 12.00 moles of KClO_3 react?



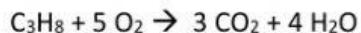
Answer: _____

2. How many moles of Cu are needed to react with 3.50 moles of AgNO_3 ?



Answer: _____

3. How many moles of CO_2 are produced with 10 mol of C_3H_8 ?



Answer: _____

4. How many moles of HCl can be produced with 5.7 moles of H_2SO_4 ?



Answer: _____

5. How many moles of Oxygen are needed to make complete combustion of 17.5 moles of propane, C_3H_8 , in order to get CO_2 and H_2O ?



Answer: _____