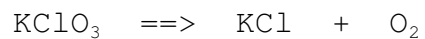Name:_____

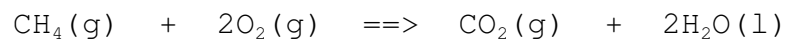## Stoichiometry Quiz

1. What mass of oxygen is produced in the thermal decomposition of 5.0 g of potassium chlorate?

$$KClO_3 \implies KCl + O_2$$

2. What mass of O_2 is needed to react with 6.4 g of methane according to the following equation? What mass of carbon dioxide forms?

$$CH_4(g) + 2O_2(g) \implies CO_2(g) + 2H_2O(l)$$