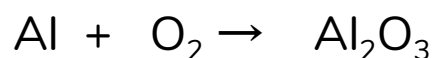


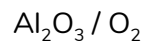
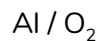
Warm-up: Moles to Grams

Name: _____

Directions: Complete problems 1 -4 using the chemical equation below.



1. Write the molar ratios for these combinations:



2. How many grams of aluminum oxide would form if 16.3 moles of aluminum burned?

3. How many moles of oxygen are needed to react with 2.6 grams of aluminum?

4. How many moles of aluminum are needed to produce 74.2 grams of aluminum oxide?