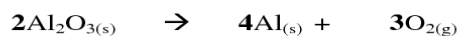


STOICHIOMETRY WORKSHEET: What's that?

1. In the decomposition of 125 g of aluminum oxide using electricity, aluminum metal and oxygen are produced.

molar masses:



amounts:

- (a) What is the molar mass of aluminum oxide?
- (b) How many moles of aluminum oxide is being decomposed?
- (c) What is the mole ratio for Al_2O_3 and Al?
- (d) How many moles of aluminum metal will be produced?
- (e) What mass of aluminum metal will be produced?