

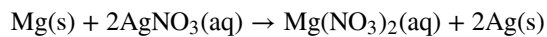
Name: _____

Date: _____

1. Element *A* and element *B* chemically combine to form substance *C*. Substance *C* must be

A. a solution B. a compound
C. an element D. a mixture

2. Given the reaction:

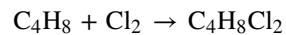


Which type of reaction is represented?

A. single replacement B. double replacement
C. synthesis D. decomposition

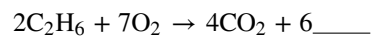
3. Base your answer(s) to the following question(s) on the information below.

Given the reaction between 1-butene and chlorine gas:



Which type of chemical reaction is represented by this equation?

4. Given the incomplete equation for the combustion of ethane:



What is the formula of the missing product?

A. CH_3OH B. HCOOH
C. H_2O D. H_2O_2

1.
Answer: B
2.
Answer: A
3.
Answer: Acceptable answers include addition, chlorination, halogenation, redox, and synthesis.
4.
Answer: C