



Concept Attainment Quiz

Name: _____ Date: _____

I. Vocabulary Matching

Match each term on the right to the correct definition.

_____ When elements bond together or when bonds of compounds are broken and form a new substance.

_____ An example of a chemical change

_____ This can be released during a chemical change.

_____ This is another term for chemical change; **it** involves combining different substances and producing a new substance.

A. Fireworks

B. Chemical reaction

C. Chemical change

D. Energy

II. Identification

Use the clues provided to fill in the blanks.

Word Bank

matter color same particles density combust property

1. _____ is never destroyed or created in chemical reactions.
2. The _____ number of _____ that existed before the reaction exist after the reaction.
3. A _____ change is a sign of a chemical change. One example of this is when a half-eaten apple turns brown.



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III. Open-Ended Response

Answer the questions below. Use additional paper if needed.

1. Describe three signs of a chemical change.

2. What occurs during a chemical change?
