

Student Name:

Teacher Name:

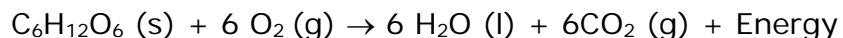
Class Name/Subject: Regular chemistry

Period:

Assignment Week #: 2

WS1: Combustion review

Use the equation below, about burning a log, to answer the questions.



1. What are the reactants? _____
2. What are the products? _____
3. What information do the symbols in parenthesis give you about each compound?
(g) _____
(l) _____
(s) _____
4. Is this reaction endothermic or exothermic? _____
5. How many hydrogen atoms are on the reactant side? _____ The product side? _____
6. This is because of the law of conservation of _____.
7. What type of equation is this? _____
8. Draw a picture of this type of reaction.

9. Circle all of the coefficients in the reaction.
10. Put a box around all of the subscripts in the reaction.

WS2: Greenhouse gases

1. Which gases are greenhouse gases?
2. All combustion reactions make what two chemical products? _____
3. How are these connected to combustion reactions and fossil fuels?
4. Explain how the "greenhouse effect" works in a greenhouse/car and in the atmosphere.
5. How have concentrations of greenhouse gases changed over time?