

Reactions Envelope Game Worksheet      Name \_\_\_\_\_

For each reaction, you should:

1) State the type of the reaction (synthesis, decomposition, etc.) You may abbreviate using S, D, SR, DR, and C if you like. 2) Predict the product side of the equation. 3) Balance the equation.

You will draw a reaction at random from an envelope. You must do all three steps (above) correctly for the reaction you draw in order to receive points. Reactions from the "Easy" envelope are worth 1 point each. Reactions from the "Medium" envelope are worth 2 points each. Reactions from the "Difficult" envelope are worth 3 points each.

To finish the game, you must earn a total of \_\_\_\_\_ points.

You must complete AT LEAST \_\_\_\_ from the difficult envelope, and AT LEAST \_\_\_\_ from the medium envelope to complete the game. It is your choice as to how you earn the remaining points. You can do several easy ones, or a few difficult ones, or any mixture you like as long as you meet the minimum number stated above.

Please write your completed, balanced reactions using the form below. Use only as many lines as needed. Have your teacher initial each equation that is correct.

	Point Value	Problem Number	Complete, balanced equation	Reaction Type	Teacher Initials
1					
2					
3					
4					
5					
6					
7					
8					
9					