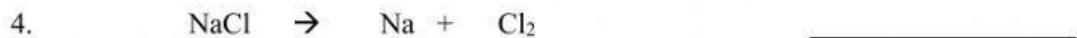


Name: _____

Balancing Reactions Worksheet

Atoms are not _____ or _____ during a chemical reaction. There must be the _____ number of atoms on each _____ of the _____. To balance the chemical equation, you must add _____ in front of the chemical formulas in the equation. You cannot _____ or _____ subscripts!

Balance each equation. Be sure to show your lists! Remember you cannot add subscripts or place coefficients in the middle of a chemical formula.



Balance each of the following placing a coefficient in each blank in front of a chemical formula. When done balancing, place a “1” in any blank remaining. (Not required, but indicates you are done.) In the space to the left of each number, identify the type of reaction using S for synthesis, D for decomposition, SR for single replacement, DR for double replacement and C for combustion.

