1. Physical change A. When heat is produced in a chemical reaction. 2. Chemical creation B. The chemicals before the reaction reaction. 3. Endothermic A. Exothermic A.	1. Precipitate 2. Wafting 3. Ammonia 4. Coefficient 5. Arrow 6. Subscript Evidence of a Chemical or Physical Change? Chewing food into smaller pieces. A. A safer way to smell chemicals. B. Tells you the number of molecules. Will produce a poisonous gas when combined with Chlorine bleach. D. Means "produces" or "creates". E. Tells the number of atoms of a particular element in a molecule. F. When a solid "falls out" of a liquid when a reaction occurs.
Gets cold Color changes Boiling water Changes smell Breaking glass Evaporating something Ripping paper Gets hot Sugar dissolves Burning gasoline	into nutrients your body can absorb. When enzymes in your saliva pre-digest and soften your food in your mouth before you swallow. Tearing food with your teeth. The complete act of digestion (all of the above).
What two sets of household chemical must you NEVER mix together? Be sure to give what they create. Change Admical Why are smelling or tasting chemicals dangerous? The demical Cold Demicals dangerous?	Endothermic or Exothermic Reaction? An activated heat pack? Two chemicals are mixed and get hot? Two chemicals are mixed and get cold? Heat goes into the reaction? An activated cold pack? Heat comes out of a reaction?
If you HAD to smell a chemical, how would do it?	Is dissolving salt into water a physical or chemical change? (Be sure to give proof one way or the other.) Physical Change Sure to give proof one way or the other.)
How many total molecules are there? 4H ₂ O	How many total atoms are there? 12 4H ₂ O 3Be ₂ Bi 5 5CO ₂ 16 8NaCl 4 2O ₂ MgS
$Li_2O + MgCl_2 \rightarrow 2LiCl + MgO$	$2K_3N + 3\underbrace{CaCrO_4} \rightarrow \underline{Ca_3N_2} + 3K_2CrO_4$
Name the second reactant: Magnesium Chloride Name the first product: Lithum Charle	Circle the second reactant. Underline the first product.
Name the first product: 4 How many Lithiums on the product side?	How many potassium atoms on the reactant side: How many oxygen atoms on the product side?
$(2AlCl3) + 3Na2CO3 \rightarrow Al2(CO3)3 + 6NaCl$	
	Fe ₂ O ₃ + 3C \rightarrow 2Fe + 3CO 5 + 3 Circle and New Alberta and Products (C, C) is No. 10.
Circle the first reactant. Underline the second reactant. How many Sodium atoms on the reactant side?	How many total atoms on the reactant side:
How many table salt molecules on the product side?	How many total molecules on the product side: