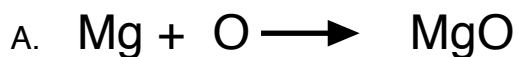


Balancing Equations

Name _____
Date _____
Period _____

Rules to follow:

1. In a balanced equation, all the atoms on one side of the arrow must equal the number of atoms on the other side of the arrow. Atoms can not be created or destroyed.
2. In all equations, chemicals are changed into new and different substances (chemical change) through a rearrangement of these atoms.
3. The atoms on the left side of the equation are called reactants and the right side is called the products.
4. There are different kinds of reactions called: synthesis, single replacement, double replacement, decomposition.



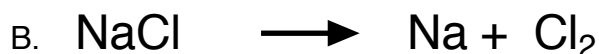
How many different elements are there in this reaction? _____

How many different atoms are there in this reaction? _____

How many atoms are there on the left side? _____

How many atoms are there on the right side? _____

What kind of reaction is this? _____



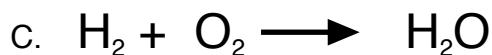
How many different elements are there in this reaction? _____

How many different atoms are there in this reaction? _____

How many atoms are there on the left side? _____

How many atoms are there on the right side? _____

What kind of reaction is this? _____



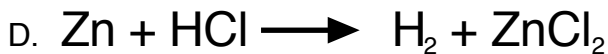
How many different elements are there in this reaction? _____

How many different atoms are there in this reaction? _____

How many atoms are there on the left side? _____

How many atoms are there on the right side? _____

What kind of reaction is this? _____



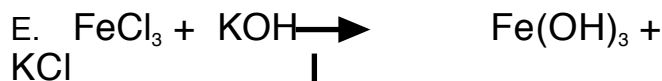
How many different elements are there in this reaction? _____

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What kind of reaction is this? _____