

Notes-Chemical Reactions

Chemical Reactions

Chemical Reaction -- A _____ in which some substances _____ into different substances.

Ex: Magnesium + _____ → Magnesium Oxide

Chemical Equations

_____ – starting substance

On _____

Products – _____ substance... what is _____.

On _____

_____ → Products

Law of Conservation of Matter

Matter _____ be created or _____.

Atoms are just _____.

Rate of Reaction

Factors Affecting the Rate of Reaction

Rate of Reaction: _____ at which a chemical _____ happens.

Factors affecting _____ of _____

1. _____ -- the _____ of substance present.

Higher concentration=_____ reaction

2. _____ area – the amount of area on the outside of an object.

_____ surface area=_____ reaction

3. _____ – the speed in which particles move.

_____ temperature=_____ reaction

4. _____ – A substance that _____ the reactants together.

The _____ doesn't change.

5. _____ – the amount of space a substance has to move in.

_____ pressure=_____ reaction

6. Agitation- _____ molecules

More _____=faster _____