Chemical and Physical Properties and Reactions

Examples of physical properties:

Examples of chemical properties:

Physical changes include \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

In a chemical change a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_occurs and atoms \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Signs of a chemical reactions include

1.

2.

3.

4.

Intensive properties do not depend on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Examples include:

Extensive properties do depend on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Examples include:

Copper benzoate is pale blue. CHEMICAL or PHYSICAL property?

Sodium reacts with water. CHEMICAL or PHYSICAL property?

A burning campfire. CHEMICAL or PHYSICAL change?

Water freezing. CHEMICAL or PHYSICAL change?