Identify the changes. Write PHYSICAL or CHEMICAL.

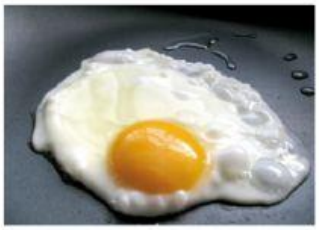












LIVEWORKSHEETS

Complete the text about chemical changes using the words in the box:

transformed	reaction	irreversible	properties

When two substances combine in a chemical _____, a new substance is produced. This new substance has different _____ from the substances that combine to produce it. The new substance cannot be _____ back into its original components either. This is because a chemical reaction is an _____ change.

LIVEWORKSHEETS

Choose the correct option in each sentence.

- Chemical changes are _____ changes to substances.
  a) reversible
  b) irreversible
- The process in which two or more substances combine chemically is a _____.
  a) reaction
  b) combination
- The reactions that produce thermal energy are called _____.
  a) exothermic
  b) endothermic
- Combustion produces thermal, light, sound energy and also _____.
  a) other substances
  b) sulphur and ice
- Combustion can cause many problems, such as global warming or _____.
  a) oxidation
  b) acid rain

LIVEWORKSHEETS

Complete the definitions:

a) An endothermic reaction is a chemical reaction that absorbs _____ _____.

b) An exothermic reaction is a chemical reaction that _____ thermal _____.

c) Combustion is a chemical reaction in which _____ and _____ combine. _____, _____ and _____ _____ are produced during combustion.

LIVEWORKSHEETS