Directions: Write the term that matches each description below on the spaces provided. The boxed letters should spell the answer to question 9.

1. Type of energy due to both the position and motion of an object
2. Type of reaction in which mass is transformed into energy
3. Type of energy transformed into thermal energy in a toaster
4. Force that acts between two sticks when they are rubbed together
5. Unit used to measure the amount of energy that people get from food
6. Type of energy transformed into chemical energy by plants
7. Type of energy that is greatest at the top of a swing's path
8. Type of energy that is greatest at the bottom of a swing's path
9. What law of energy has never been broken? ________________