

## Kinetic and Potential Energy

1. Define kinetic energy:
2. What is the formula for kinetic energy?
3. Define potential energy:
4. What is the formula for potential energy?
5. What are the 2 types of potential energy?
6. What is the difference between the two types of potential energy?

**Label the following as KE or PE:**

7. \_\_\_\_\_ a moving skateboard
8. \_\_\_\_\_ a rock at the edge of a cliff
9. \_\_\_\_\_ a glass of milk
10. \_\_\_\_\_ gasoline
11. \_\_\_\_\_ a dry cell battery
12. \_\_\_\_\_ an acorn hanging on a tree
13. \_\_\_\_\_ a person climbing a ladder
14. \_\_\_\_\_ a piece of celery
15. \_\_\_\_\_ blowing wind

**Complete the chart below by listing each of the examples of potential energy above in the correct column.**

<b>Gravitational Potential Energy</b>	<b>Chemical Potential Energy</b>