

Name _____

Date _____

The Work Energy Theorem Answer Sheet

This answer sheet goes with the work energy theorem web page found at www.pfscience.info.

Part I

Summary:

Part II

1. When I am lifting the marble from the table to the top of the rollercoaster I am performing _____.
2. When the marble is at the top of the roller coaster it has only _____ energy
3. When the marble is halfway down the 1st hill it has _____ amounts of kinetic and potential energy.
4. When the marble is at the bottom of the 1st hill it has mostly _____ energy and a little bit of _____ energy.
5. When the marble is at the top of the second hill it has almost all _____ energy and a little bit of _____ energy.
6. When the marble is at the bottom of the second hill it is almost all _____ energy.
7. When the ball hits the bottom of the roller coaster it makes a sound and performs _____.
8. When the ball is half way up the second hill it has the same potential energy and kinetic energy as the marble in question # _____ .

