Name: Date:
-------------

## Lesson 4, Engineering Sport – Energy Matching Quiz

## **Directions**

Write the letter of the correct answer on the left hand line next to the question. One of the answers will be used twice, and one of the answers will not be used.

- \_\_\_\_\_ 1. Define kinetic energy. \_\_\_\_ 2. What type of energy does an apple have when hanging in a tree? \_\_\_\_ 3. Define potential energy. 4. What kind of energy does a bicyclist have when riding down hill? \_\_\_\_ 5. What kind of energy does a bicyclist have when riding on a flat path? 6. If an object is not moving, which type of energy does it not have? \_\_\_ 7. If an item is on the flat ground and it not moving, which type of energy does it have? \_\_\_ 8. Which has more potential energy? An apple in a tree or an apple on the ground?
- A. Stored energy
- B. Potential energy
- C. On the ground
- D. Energy of motion
- E. On the tree
- F. Kinetic energy
- G. Both kinetic energy and potential energy
- H. Neither kinetic energy or potential energy