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