Traveling study guide questions

1. \_\_\_ is the movement of positive or negative electrical charges.

2. During a roller coaster ride, when is the potential energy the highest?

3. What happens to the energy in a beaker as it goes from sitting on the edge of a table to falling off the table?

4. What type of energy is being shown here, potential or kinetic?

5. \_\_\_ is a form of energy that travels in waves and can be seen with the human eye.

6. What type of energy can be found in the sun?

7. Potential energy is also known as \_\_\_.

8. The energy an object has due to its condition or position is called what?

9. What type of energy is stored inside a battery?

10. \_\_\_ is the movement of energy through substances in longitudinal waves.

11. A snow blower filled with gasoline is an example of what type of potential energy?

12. \_\_\_ is energy stored in an object because of where it is placed. It is found in objects some height off the ground.

13. \_\_\_ is the total energy of the moving particles within an object.

14. \_\_\_ is energy that is stored by the forces within a distorted elastic object,

15. During a roller coaster ride, when is the kinetic energy the highest?

16. What type of energy does the wind have?

17. When potential energy is high, kinetic energy is \_\_\_.

18. A television changes electrical energy into \_\_\_ and \_\_ energy.

19. \_\_\_ is energy that is stored in the bonds between atoms and molecules.

20. What type of energy does this plug have?

21. What type of energy does the bike have, potential or kinetic?

22. \_\_\_ is the energy an object has due to motion.

23. A car changes chemical energy (fuel) into \_\_\_ and \_\_\_ energy.

24. When kinetic energy is \_\_\_, potential energy is low.

25. What type of potential energy does this man possess?

26. What type of energy is being shown here, potential or kinetic?

27. \_\_\_ is energy that is stored in the nucleus of an atom.

28. What type of potential energy can be found in rubber bands and springs?

29. Name all the energy transformations that take place when you turn on a flashlight.

30. Energy cannot be \_\_\_ or \_\_\_. It can only be \_\_\_ from one form to another, so that the total amount of energy in the universe never changes.

31. What type of potential energy can be found in plants?

32. \_\_\_ is a form of energy stored in matter that can be released by a chemical change.

33. \_\_\_ is the movement of objects and substances from one place to another.

34. What type of energy does the battery have, potential or kinetic?

35. What type of energy do the planets revolving around the Sun have, potential or kinetic?

36. What type of energy is being shown here, potential or kinetic?