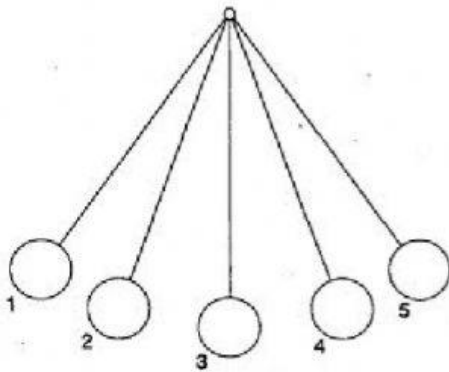


Match each word or group of words to complete each sentence or statement

- ___ 31. To maintain your body temperature, your body converts chemical potential energy into ___ energy.
- ___ 32. In power plants, generators convert mechanical energy into ___ energy.
- ___ 33. ___ energy, such as ultraviolet radiation, travels in the form of waves.
- ___ 34. A truck and car are moving at the same speed. The truck has greater mechanical energy because its ___ energy is greater, since its mass is greater. (assume the truck and the car have the same potential energy)
- ___ 35. A baseball flying through the air has ___ energy because of its position and motion.
- ___ 36. The energy in the fuel of a rocket engine is ___ potential energy.
- ___ 37. Fossil Fuels contain ___ potential energy stored millions of years ago.
- ___ 38. As water runs over a waterfall, its potential energy is converted into ___ energy because of its position and motion.

- a. electromagnetic
- b. mass
- c. kinetic
- d. mechanical
- e. chemical
- f. energy
- g. electrical
- h. energy
- i. thermal



- ___ 39. The type of energy the pendulum has at position 2 is ___ energy.
- ___ 40. An electric motor converts ___ energy into mechanical energy