**Friday Oct, 24, 14**

**OTHER FORMS OF ENERGY**

**Match the correct description with the correct term. Write the letter in the space**

**provided. Some terms will not be used.**

 **a.** sound energy

**b.** chemical energy

**c.** nuclear energy

**d.** light energy

**e.** electrical energy

**f.** mechanical energy

**g.** thermal energy

**\_\_\_\_\_\_20.** energy caused by an object’s vibrations

\_\_\_\_\_\_**21.** energy that comes from changes in the nucleus of an atom

\_\_\_\_\_\_**22.** all of the kinetic energy due to random motion of the particles that make up an object

\_\_\_\_\_\_**23.** energy of moving electrons

\_\_\_\_\_\_**24.** energy of a compound that changes as its atoms are rearranged

\_\_\_\_\_\_**25.** energy produced by the vibrations of electrically charged particles

**26.** How do particles move at higher temperatures compared to how they move at lower temperatures?

**27.** Chemical energy is a form of energy because it depends on the position and arrangement of the atoms in a compound.

**28.** How is electrical energy produced at power plants?

**29.** When you stretch a guitar string, what kind of energy does the string store?

**30.** When you release a guitar string, what kind of energy makes the string vibrate?

**31.** What form of energy can travel through a vacuum?

**32.** What is the difference between fission and fusion?