

Directions: In each of the following statements, a term has been scrambled. Unscramble the term and write it on the line provided.

1. The transfer of energy through matter by direct contact of particles is called *docniotucn*.
2. The transfer of energy by the movement of matter is called *veccnniot*.
3. The type of heat transfer that does not require matter is *iadraniot*.
4. Any material that does not allow heat to pass through it easily is an *roinsulta*.
5. An *ntieanrl busmcotoin* engine burns fuels inside chambers called cylinders.
6. Energy from the sun is *lraos neeygr*.
7. A device on a building that absorbs radiant energy from the sun is *lraos lleoccstro*.
8. The thermal energy that flows from something with a higher temperature to something with a lower temperature is called *eath*.
9. Thermal energy is converted into mechanical energy by a *thea gennie*.
10. A *thea revmo* moves thermal energy from one location and transfers it to another location at a different temperature.
11. The *pertreuamet* measures the average kinetic energy of all the particles in an object.
12. The total energy of the particles in a material is *ethrlam gyeren*.
13. The *pcciifes thea* of a material is the amount of energy it takes to raise the temperature of 1 kg of the material 1 kelvin.