

Drag and Drop

active                      combustion                      heating systems                      heat pump  
stroke                      conduction                      free                      passive                      thermal energy

1. Using solar energy is especially appealing because it is \_\_\_\_\_.
2. Most \_\_\_\_\_ use fuel or electricity as a source of energy.
3. A house with large windows on its south side and few windows on its other sides probably uses a(n) \_\_\_\_\_ solar heating system.
4. Solar collectors are used in buildings that have \_\_\_\_\_ solar heating systems.
5. Fuel burned in a stove or fireplace transfers thermal energy to the surrounding air by \_\_\_\_\_, convection, and radiation.
6. Before solar energy can be used as a source of heat, it must be changed to \_\_\_\_\_.
7. \_\_\_\_\_ means rapid burning.
8. A two-way heat mover is a \_\_\_\_\_.
9. A \_\_\_\_\_ is the movement of a piston up or down.
10. A(n) **passive active** solar heating system uses a solar collector to **absorb reflect** radiant energy.
11. A radiator heating system moves heat throughout a room by first by **conduction, convection, radiation** when the air touches the radiator, and by **conduction, convection, radiation** as heat moves from the hot radiator to the surrounding area, and finally by **conduction, convection, radiation** as the warmed air rises to the ceiling and cools becoming more denser and sinking again.