

Unit C Heat and Temperature Review Puzzle

Science 7
ADLC



Across

2. Electrical energy can be produced by moving air turning large turbines. This is an example of _____ energy.
4. Air conditioners contain a _____ that absorbs heat from the house.
7. A measurement of the average kinetic energy of the particles in a substance is _____.
9. To keep a house warm in the winter and cool in the summer, the walls should contain effective _____.
12. _____ occurs when a gas changes to a liquid.
13. Oil, natural gas, and coal are examples of the type of energy source called _____.
15. Heat moves from particles in your feet to a cold floor. This illustrates a process of heat transfer called _____.
16. _____ occurs when a liquid changes to a gas.
17. Thermal energy located deep in the ground is called _____ energy.
18. Tidal, wind, and solar energy are examples of _____ energy.
19. A substance that lets heat move easily through it is called a(n) _____.

Down

1. A glass screen covers a burning fireplace, but you can still feel heat from the fire through the glass. This illustrates a process of heat transfer called _____.
3. A substance that does not let heat move easily through it is called a(n) _____.
5. The _____ point of water is the temperature at which water changes from a liquid to a solid.
6. Hot air rises to the top floor of a building. This illustrates a process of heat transfer called _____.
8. During hot summer days, metal railway rails increase in length and power lines droop lower between poles. This is an example of thermal _____.
10. A _____ is a device used to control temperature in homes.
11. When particles of a substance increase in temperature, as a group they increase in _____.
14. Convection _____ high in the atmosphere result in weather patterns.
15. Furnaces and boilers are often the main part of a _____ heating system.