

Warm Up-Correct each of the following false statements.

- 1) Materials that are poor conductors are poor insulators.
- 2) The transfer of energy through matter by direct contact of its particles is convection.
- 3) Energy is usually transferred in fluids by radiation.
- 4) The faster particle move the less kinetic energy they have.
- 5) When temperature increases, the kinetic energy of the particles decreases.
- 6) Heat is measured in newtons.
- 7) Water has a relatively low specific heat.
- 8) Ocean currents is an example of a conduction current.
- 9) The transfer of energy in the form of invisible waves is conduction.
- 10) Heat flows from a lower temperature to a higher temperature.