

Name \_\_\_\_\_ Date \_\_\_\_\_

## TRANSFER OF THERMAL ENERGY

Answer the questions below.

- 1) Does convection occur in solid? Explain why or why not!
  
  
  
  
  
  
  
  
  
  
- 2) An insulator is something that prevents or slows the transfer of heat. List three insulators!
  
  
  
  
  
  
  
  
  
  
- 3) What type of substances does conduction work best in? In other word what substances are good conductors?
  
  
  
  
  
  
  
  
  
  
- 4) How is energy transferred during sonvection?
  
  
  
  
  
  
  
  
  
  
- 5) What two features of Earth protect us from some of the sum's harmful radiation?
  
  
  
  
  
  
  
  
  
  
- 6) give 3 example each of condution, radiation, and convection!