



Name: \_\_\_\_\_ Class: \_\_\_\_\_

## Heat and waves

1. A thermometer reading is a measure of the \_\_\_\_\_.
  - a. evaporation
  - b. filtering
  - c. average kinetic energy of the substance
  - f. none of the above
2. The transfer of thermal energy from warm to cooler areas of matter is referred to as \_\_\_\_\_.
  - a. temperature
  - b. transfer
  - c. energy movement
  - f. heat
3. Thermal energy is transferred in liquids and gases through \_\_\_\_\_.
  - a. radiation
  - b. convection
  - c. insulation
  - f. none of the above
4. A material that can transfer thermal energy when in contact with other materials is called a \_\_\_\_\_.
  - a. conductor
  - b. metal
  - c. insulator
  - f. heater
5. The light that humans can see is called \_\_\_\_\_.
  - a. visible light
  - b. UV rays
  - c. infrared radiation
  - f. microwaves
6. When John looked at himself in the mirror, he saw an exact image of himself. Why ?
  - a. because the mirror refracts light
  - b. because a mirror is very smooth
  - c. because the mirror absorbed his image
  - f. because the mirror reflects light

1. A thermometer reading is a measure of the \_\_\_\_\_.
    - a. evaporation
    - b. filtering
    - c. average kinetic energy of the substance
    - f. none of the above
  2. The transfer of thermal energy from warm to cooler areas of matter is referred to as \_\_\_\_\_.
    - a. temperature
    - b. transfer
    - c. energy movement
    - f. heat
  3. Thermal energy is transferred in liquids and gases through \_\_\_\_\_.
    - a. radiation
    - b. convection
    - c. insulation
    - f. none of the above
  4. A material that can transfer thermal energy when in contact with other materials is called a \_\_\_\_\_.
    - a. conductor
    - b. metal
    - c. insulator
    - f. heater
  5. The light that humans can see is called \_\_\_\_\_.
    - a. visible light
    - b. UV rays
    - c. infrared radiation
    - f. microwaves
  6. When John looked at himself in the mirror, he saw an exact image of himself. Why ?
    - a. because the mirror refracts light
    - b. because a mirror is very smooth
    - c. because the mirror absorbed his image
    - f. because the mirror reflects light
-