

Name: _____

Date: _____

1. When heat from the Sun comes through the atmosphere and heats Earth it is called

- A. conduction.
 - B. convection.
 - C. radiation.
 - D. conservation.
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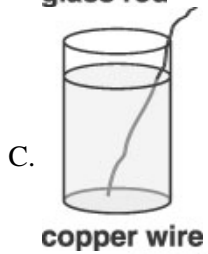
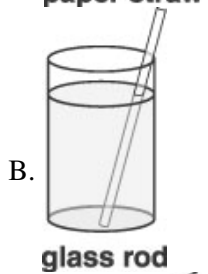
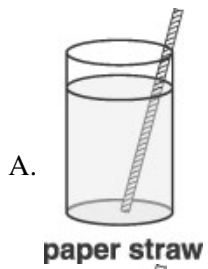
2. Most of the heat created by rubbing hands together is caused by

- A. static electricity.
 - B. air between the hands.
 - C. friction.
 - D. sweating.
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3. Ellie's grandmother asked her to stir hot soup cooking on the stove. Which spoon should she use to be safe?

- A. a metal spoon
 - B. a wooden spoon
 - C. a plastic spoon
 - D. an iron spoon
-

4. Victor put four objects into four glasses of boiling water. Which object would feel hot FIRST?



5. Which correctly tells how heat gets to the water in a metal pan placed on a hot burner?

- A. radiation from the water
- B. radiation from the burner
- C. conduction through the air
- D. conduction through the pan

6. Which does NOT make heat?

- A. a burning candle
 - B. an electric current
 - C. a campfire
 - D. a sweater
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7. Where is the BEST place to find information about heat convection?

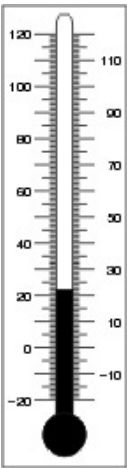
- A. an encyclopedia or computer
 - B. a map or globe
 - C. a chart or graph
 - D. a TV or radio
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8. Which is an insulator?

- A. copper coin
 - B. aluminum ladder
 - C. glass
 - D. water
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9.

Use the picture below to answer this question.



Most thermometers are read by looking at the position of the red liquid in a glass tube. Which tells how this type of thermometer works?

- A. The glass expands (gets larger) when hot.
 - B. The glass contracts (gets smaller) when hot.
 - C. The red liquid expands (gets taller) when hot.
 - D. The red liquid contracts (gets shorter) when hot.
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10. Which is a source of heat energy?

- A. rain
- B. fire
- C. wind
- D. water

Answer Key

1. C) radiation.
2. C) friction.
3. B) a wooden spoon
4. C)
5. D) conduction through the pan
6. D) a sweater
7. A) an encyclopedia or computer
8. C) glass
9. C) The red liquid expands (gets taller) when hot.
10. B) fire