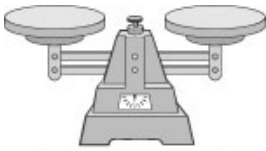


Name: _____

Date: _____

1. Which instrument should you use to find out if water is about to boil?



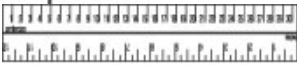
A.

balance scale



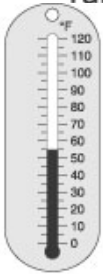
B.

stopwatch



C.

ruler



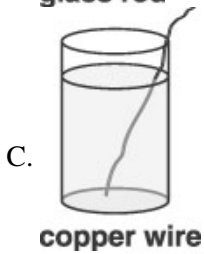
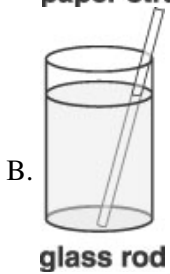
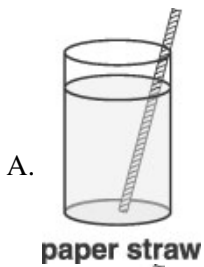
D.

thermometer

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

- A. conduction.
 - B. convection.
 - C. radiation.
 - D. conservation.
-

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



4. May stirs her glass of iced lemonade with a spoon. At first the spoon feels warm but soon it feels as cold as the lemonade. Which tells what happens?

- A. The spoon loses heat to the lemonade until they are both the same temperature.
- B. The lemonade loses heat to the spoon until they are both the same temperature.
- C. The spoon and the lemonade get colder because they use May's energy from stirring.
- D. The spoon and the lemonade get colder because they both lose heat to the glass.

5. When one end of a steel rod is held in a flame, the other end also gets hot. This happens because steel

- A. makes its own heat.
 - B. is a good conductor of heat.
 - C. makes the flame hotter.
 - D. keeps cold away from the flame.
-

6. What happens to the liquid inside the thermometer when the temperature increases?

- A. It expands and gets taller.
 - B. It contracts and gets shorter.
 - C. It changes into a gas.
 - D. It changes into a solid.
-

7. Which is a source of heat energy?

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

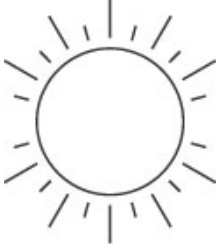
8. We can use heat energy from



- A.
**a glass of
ice water.**



- B.
**a flowering
plant.**



- C.
the Sun.



- D.
a rabbit.
-

9. If you put a metal spoon in hot water, the spoon will

- A. melt.
 - B. dissolve.
 - C. get cold.
 - D. get hot.
-

10. 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

Answer Key

1. D)
2. C) radiation.
3. C)
4. A) The spoon loses heat to the lemonade until they are both the same temperature.
5. B) is a good conductor of heat.
6. A) It expands and gets taller.
7. B) fire
8. C)
9. D) get hot.
10. A) an encyclopedia or computer