UNIT 6 HEAT

WATER AT ROOM TEMPERATURE

How does the temperature of water change when hot water cools to room temperature?

Name : _____

Class : _____ Date: _____

A. FILL IN THE BLANKS

Fill in the blanks using the words in the box.

1. The tea is still _____. I cannot drink it yet.

2. This spoon is _____!

3. The tea has become _____. I can now drink it.

4. The heat in the hot tea flows to the _____ spoon.

5. Our hand feels _____ because it gains heat from the metal spoon.

6. The heat from hot water flows to the _____ and the water becomes less hot.

B. TRUE OR FALSE

Write **TRUE** or **FALSE** for each statement.

1. Hot water gives heat to the spoon. _____
2. The metal spoon gives heat to the hot tea. _____
3. When hot water loses heat, its temperature decreases. _____
4. The heat from hot water flows to the surrounding. _____
5. Room temperature is the same as the temperature of hot water. _____

C. CHOOSE THE CORRECT ANSWER

Circle the correct answer.

1. What happens to hot water when it is left at room temperature?
   A. It gains heat. B. It loses heat. C. It stays the same.
2. The metal spoon feels hot because it _____.
   A. gives heat to the tea
   B. gains heat from the hot tea
   C. becomes cold
3. Heat always flows from _____ to _____.
   A. cold to hot B. hot to cold C. room to hot
4. Which of the following is the surrounding?

A.

B.

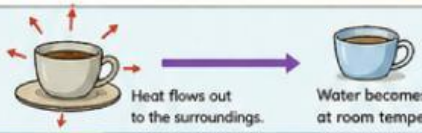
C.

D. ORDER THE STEPS

Number the pictures below from 1 to 4 to show how hot tea cools to room temperature.

SCIENCE INFO

Heat flows from a hotter object to a colder object. When hot water loses heat to the surroundings, its temperature decreases until it is equal to the room temperature.



LIVEWORKSHEETS