

## Methods of Heat Transfer

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

### Definitions:

1. Conduction: \_\_\_\_\_

\_\_\_\_\_

2. Convection: \_\_\_\_\_

\_\_\_\_\_

3. Radiation: \_\_\_\_\_

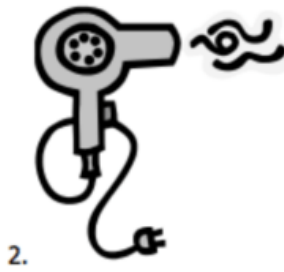
\_\_\_\_\_

Identify the method of heat transfer that takes place in each picture. Some may have more than one form.



1.

\_\_\_\_\_



2.

\_\_\_\_\_



3.

\_\_\_\_\_



4.

\_\_\_\_\_



5.

\_\_\_\_\_



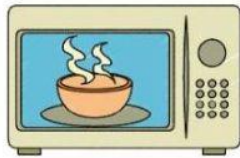
6.

\_\_\_\_\_

### Q3 SCIENCE WORKSHEET 8

#### Heat Transfer

**DIRECTION:** Identify the heat transferred shown in each situation. Answer **CONDUCTION**, **CONVECTION** or **RADIATION**.



Heating food in a microwave oven.

1.



The butter on top of the pancake melted.

2.



Your wrinkled shirt flatten out after ironing it.

3.



You feel the warmth of the fireplace even if you are sitting on the sofa.

4.



You feel hot after reading for a long time under a lamp.

5.

Roasting pig over fire.

6.