ACh Name _____ Hr. _____

Target: Classify heat transfer as conduction, convection or radiation. (knowledge)

Energy Worksheet 2: Conduction, Convection and Radiation

In each of the following examples, identify whether heat is being transferred through conduction, convection or radiation. Some may have two possible answers. Choose the answer that best fits the situation.

1)

Warming hand over a radiator.

_____

2)

Eggs cooking in a frying pan.

_____

3)

Snowman melting in the sun.

_____

4)

Water boiling in in a kettle.

_____

5)

Warmth from the fireplace circulating through the house.

_____

6)

Tongue freezing to to a metal pole.

_____

7)

Newt boiling in a hot caldron.

_____

8)

Ice melting on a hotplate.

_____

LIVEWORKSHEETS