Name: _____

DIFFERENCES BETWEEN CONDUCTION, CONVECTION AND RADIATION.

Complete the table below.

By movement of fluid (liquid of gas)	No medium needed (can travel through vacuum)	Particles vibrate and pass energy to neighbors	No particle movement – energy travels as waves
Needs a liquid or gas	By direct contact between particles	Hot particles rise and cool ones sink	Need particles in contact (mainly metal)
By infrared waves, no contact needed			

Feature	Conduction	Convection	Radiation
How heat transfer			
Medium Required			
Particle movement			

LIVEWORKSHEETS