




EXERCISE CHAPTER 9 (HEAT FLOW AND THERMAL EQUILIBRIUM) PART A

1. Match the following statement to its correct way of heat transfer.

<div style="border: 1px solid black; background-color: orange; padding: 5px; display: inline-block;">Conduction</div>	<div style="border: 1px solid black; background-color: blue; padding: 5px; display: inline-block;">Heat is transferred in a form of waves through vacuum</div>
<div style="border: 1px solid black; background-color: orange; padding: 5px; display: inline-block;">Convection</div>	<div style="border: 1px solid black; background-color: blue; padding: 5px; display: inline-block;">Heat is transferred to other particles through vibration</div>
<div style="border: 1px solid black; background-color: orange; padding: 5px; display: inline-block;">Radiation</div>	<div style="border: 1px solid black; background-color: blue; padding: 5px; display: inline-block;">Heat is transferred by movement of hot particles upwards</div>

2. Complete the following table using the words given. Drag and drop the correct answer.

Radiation	Fluid	Solid
Vacuum	Convection	Conduction

Diagram			
Way of heat transfer			
Medium			