

Transfer of Heat (Conduction)

1. Fill in the blanks

- A. Water is a _____ conductor of heat.
- B. Wool is a _____ conductor of heat.
- C. Materials that allow electricity to flow through them easily are known as _____.
- D. The flow of _____ in a conductor is known as the electric current.

2. True or false

- A. Metals are not good conductors of heat.
- B. Insulators are known as good conductors of heat.
- C. Conduction and convection do not require a metal for the transfer of heat.

3. Answer the following questions

- A. What is the difference between good conductor and bad conductors of heat? Define them with example.