

Name _____

How do Insulators and Conductors Affect Heat Flow?

Short Answer Key

1. Foam
2. A woolen sweater keeps you warm by trapping a layer of air between its fibers, which acts as an insulator and prevents heat from escaping.
3. Insulation in home walls and ceilings is important to keep the indoor environment comfortable by preventing heat from escaping in winter and keeping cool air in during summer.
4. Copper
5. Pots often have wooden or plastic handles to insulate them and prevent burns when used on a hot stove.

