

Heat Conductors and Heat Insulators

1- Read the following statements and specify whether they are true or false:

- Heat transfer from hot objects to cold objects.
- Heat doesn't transfer among objects in contact with each other.
- A small kid shouldn't touch the hot grill because heat will move from the iron to his hand and burn it.
- Some materials are good conductors of heat such as wood.

2- Specify the wrong actions in the following pictures:



Touching an iron from its plastic handle



Touching an iron from the base hot metal



Using oven with gloves



Using oven without gloves



Touching hot pans and pots with bare hands



Using the plastic handle of pans and gloves



Using metal spoon while cooking



Using wooden spoon while cooking

3- Specify, according to the previous question, which materials are bad conductors of heat:



Wooden spoon



Steel Skewers



Metal pan



Oven gloves



The plastic handle of a pan



Iron