

## 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