air conductors insulators energy

Remember, a conductor allows energy to flow easily and an insulator does not allow energy to transfer easily. An insulator actually inhibits and sometimes stops the flow of energy.

Heat is the result of particle motion and flows from warm to cool.

_____ and _____ allow

_____ to transfer. _____ allow

_____to flow very easily. Examples of good

_____ are metal pots and pans.

_____ do not allow _____ to

transfer easily. They actually stop the flow of _____

and trap the heat. Good examples of _____ are house

insulation, wood, cloth, plastic, rubber, glass, paper, and air. The best

insulator is _____.

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Conductors and Insulators Worksheet

Now, answer the following questions using complete sentences.

1. What is the difference between a conductor and an insulator?

2. What is the insulation used in homes made of?

3. How does insulation keep your house cool in the summer?

4. Why do metal pots have plastic handles?

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