

What Are Conductors and Insulators?

1 Ali wants to use a spoon that will keep his hand from getting too hot. Which material would be **best** for the spoon?

- (A) aluminum
- (B) copper
- (C) steel
- (D) wood

2 Nadia is planning to take a hot sandwich to school for lunch. She wants to wrap it in something to keep it warm. Which material would **best** keep the sandwich warm?

- (A) foam wrap
- (B) plastic wrap
- (C) waxed paper
- (D) aluminum foil

3 Which of these objects is a conductor?

<ul style="list-style-type: none">(A)  Rubber eraser(B)  Aluminum can	<ul style="list-style-type: none">(C)  Plastic straw(D)  Wooden pencil
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4 Bill is watching some builders while they are putting up the walls of a house. He notices that there is a small space between the outer and inner walls of the house. The builders then fill the space with a material to prevent heat flow through the walls. What did the builders **most** likely put into the space?

- (A) solid brick
- (B) fluffy fiber
- (C) layers of wood
- (D) thick aluminum

5 What feature of a winter coat will **most** help us stay warm?

- (A) It is light weight.
- (B) It has fur at the edges.
- (C) It is thick and very fluffy.
- (D) It has a single layer of cloth.