

## What Are Conductors and Insulators?

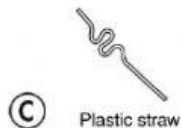
- 1 Ali wants to use a spoon that will keep his hand from getting too hot. Which material would be **best** for the spoon?

(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?



- 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.