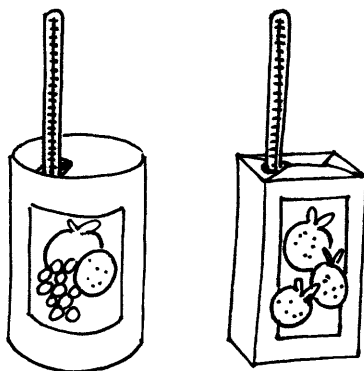


Check Understanding

Shade the circle next to the correct answer.

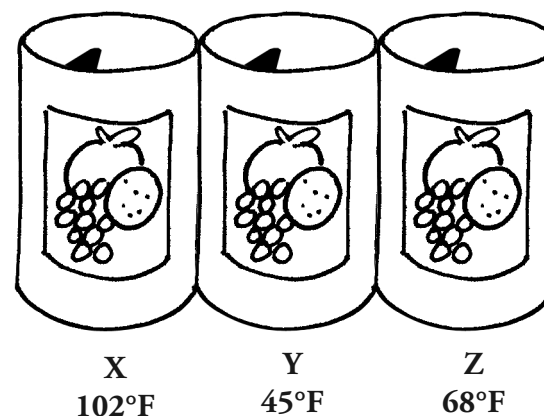
1. Two juice containers are outside on a table in the hot sun. One container is wax-coated paper box and the other is a metal can. The can feels hotter than the box. Students place a thermometer in each container. They find that the juice in the can and box are the same temperature.



Why does the can feel hotter than the box?

- Ⓐ Metal is a better insulator of thermal energy than paper.
- Ⓑ Metal is a better conductor of thermal energy than paper.
- Ⓒ Paper is a better conductor of thermal energy than metal.
- Ⓓ The metal can holds hotter juice than the paper box.

2. Three juice cans are placed in contact with each other. One can came from the refrigerator, one came from a room in the house. The other was sitting in the hot sun outside. The starting temperatures of each is shown.



Which traces the transfer of thermal energy among the blocks?

- Ⓐ X → Y ← Z
- Ⓑ X ← Y ← Z
- Ⓒ X ← Y → Z
- Ⓓ X → Y → Z