

The Mitten Problem

Sarah's science class is investigating heat energy. They wonder what would happen

to the temperature reading on a thermometer if they put the thermometer inside a mitten.

Sarah's group obtained two thermometers and a mitten. They put one thermometer

inside the mitten and the

- other thermometer on the ta-
- ble next to the mitten. An hour
- later they compared the readings on
- the two thermometers. The temperature in-

side the room remained the same during their experiment.

What do you think Sarah's group will discover from their investigation? Circle the response that best matches your thinking.

- **A** The thermometer inside the mitten will have a lower temperature reading than the thermometer on the table.
- **B** The thermometer inside the mitten will have a higher temperature reading than the thermometer on the table.
- **C** Both thermometers will have the same temperature reading.

Describe your thinking. Provide an explanation for your answer.