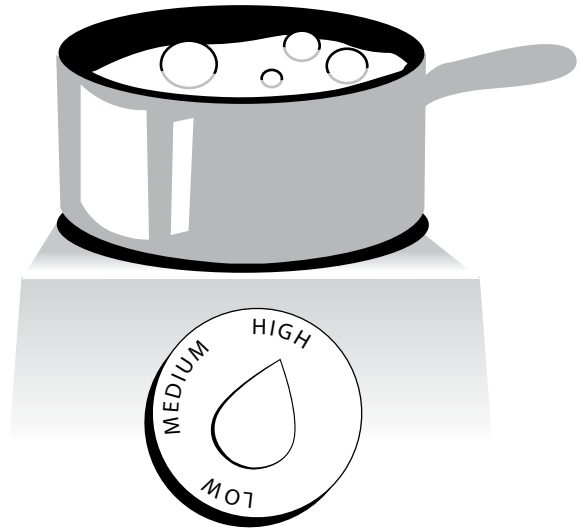


Turning the Dial

Flora is boiling water on a stove. She turns the temperature dial up to high to boil the water. The water is boiling vigorously with large bubbles quickly forming and bursting at the surface. Flora then turns the dial of the stove down to low. The water is boiling gently, with smaller bubbles slowly forming and bursting at the surface. Flora wonders if the boiling temperature changes when she turns the dial. What would you tell Flora? Check off the best answer.



- A.** The boiling temperature is greater when the dial is set at high.
- B.** The boiling temperature is greater when the dial is set at low.
- C.** The boiling temperature is the same at both settings.

Explain your thinking. What “rule” or reasoning did you use to select your answer?
