



Name

Period

Date

SECTION 28.2 | MECHANISMS OF HOMEOSTASIS
Section Quiz

Choose the letter of the best answer.

- _____ **1.** The body's internal environment must stay
 - a.** within narrow ranges that support human life.
 - b.** the same as its external environment.
 - c.** exactly the same at all times.
 - d.** away from sudden outside temperature changes.

- _____ **2.** Internal control systems maintain homeostasis by regulating which of the following?
 - a.** receptors in the body
 - b.** pH of body fluids
 - c.** external conditions
 - d.** the body's control centers

- _____ **3.** Which of the following changes its level of activity in response to a message sent by a control center?
 - a.** target
 - b.** sensor
 - c.** brain
 - d.** receptor

- _____ **4.** In a positive feedback loop, the body increases the rate of change
 - a.** toward set values.
 - b.** without ever stopping.
 - c.** only slightly, then stops.
 - d.** away from set points.

- _____ **5.** A negative feedback loop causes the body to
 - a.** counteract a change.
 - b.** change set points.
 - c.** increase the rate of change.
 - d.** shut down a control center.

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