THE ENDOCRINE SYSTEM

Interactive Practice • Hormones and Negative Feedback

Name: _____ Class: _____ Date: _____

A. Choose the correct answer

1. Endocrine glands make chemical messages called:

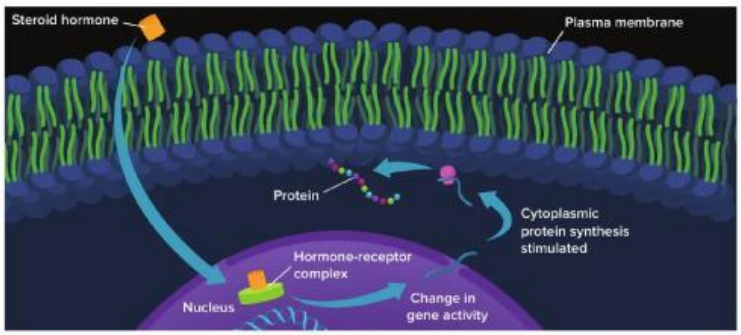
■ hormones ■ enzymes ■ blood cells

2. Hormones travel around the body mainly through the:

■ bloodstream ■ bones ■ skin

3. A steroid hormone can:

■ pass through the cell membrane ■ stay only outside the cell



Steroid hormone

4. The receptor for a steroid hormone is:

■ inside the cell ■ outside the body

B. Drag the words to the correct box

Drag: INSIDE THE CELL CELL MEMBRANE

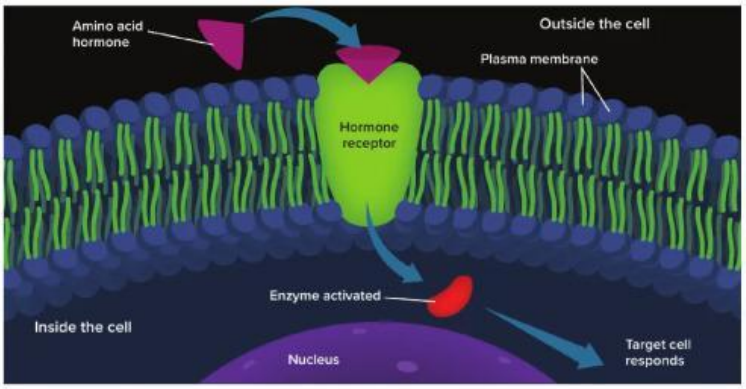
Steroid hormone receptor	DROP HERE
Amino acid hormone receptor	DROP HERE

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C. Look at the picture



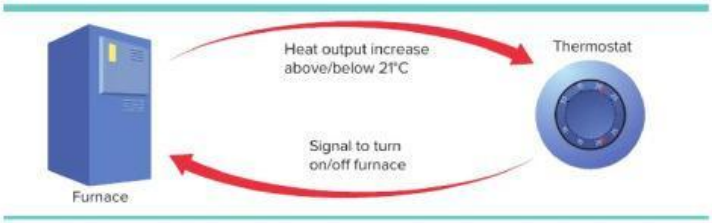
5. This picture shows an:

■ amino acid hormone ■ steroid hormone

6. An amino acid hormone binds to a receptor:

■ on the cell membrane ■ inside the nucleus

D. Negative Feedback



Negative feedback helps keep conditions stable.

7. If a room becomes too cold, the thermostat turns heating:

■ ON ■ OFF

8. Negative feedback helps the body maintain:

■ homeostasis ■ movement only

E. Complete

9. Chemical messages made by endocrine glands are called _____.

10. Keeping internal conditions stable is called _____.

F. Quick Review

11. Which hormone type can pass through the cell membrane?

■ steroid ■ amino acid

12. Which hormone type binds to a membrane receptor?

■ amino acid ■ steroid

LIVEWORKSHEETS