1.4 / The Brain



Name _____ Date _____

1 Make the connection.

Explain each concept in your own words. Add a brief example that shows why it fits.

Brainstem

Medulla

Reticular activating system

Cerebellum

2 Build the explanation.

Keep basic regulation running. Match structures to their contributions.

Choose from the pieces below. Some do not belong. Write a letter in each position and explain the connection.

A. A region involved in homeostatic and endocrine regulation.

B. A brainstem structure involved in breathing and heart-rate regulation.

C. A region supporting basic life functions and communication pathways.

D. The brainstem stores every explicit memory.

E. A network important for arousal and alertness.

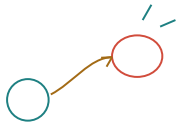
Brainstem - Piece: _____

Medulla - Piece: _____

Reticular activating system - Piece: _____

Hypothalamus - Piece: _____

Use the idea. Explain the connection.



3 Choose, then explain.

1. An unusual case links tissue damage with a memory difficulty. What is a key limitation?

A. One case automatically represents everyone.

B. Other damage and individual history may complicate generalization.

C. A detailed case can never inform a hypothesis.

My choice: _____ Why it fits:

2. Which statement about brain specialization is accurate?

A. Some functions are lateralized, but both hemispheres cooperate in ordinary activity.

B. Creative people use only the right hemisphere.

C. Logical people use only the left hemisphere.

My choice: _____ Why it fits:

4 Bring it together.

Why is a brain region's contribution different from sole control?

One idea I corrected: _____

One question I still have: _____