

Think Like A Squirrel, Nature's Spatial Memory Expert

Discover how observing animals' remarkable abilities can teach you about spatial memory and the brain's incredible adaptability. Read the resource at:

<https://bit.ly/HYBactivity4>

1. You are either left- or right-brain dominant. This will determine whether you are more creative or more logical.
 - a. True
 - b. False
2. What is the term used to describe the brain's ability to form new connections and change over time?
 - a. Neurogenesis
 - b. Neuroplasticity
 - c. Cognitive flexibility
 - d. Neural remodeling
3. This part of the brain is responsible for a person's behavior, problem-solving abilities, creative thoughts, attention, intellect, judgment, and coordination of movement.
 - a. Parietal lobe
 - b. Frontal lobe
 - c. Temporal lobe
 - d. Occipital lobe
4. Spatial memory is the ability to remember where things are located in the environment.
 - a. True
 - b. False
5. What part of the brain is involved in spatial memory?
 - a. Frontal lobe
 - b. Cerebellum
 - c. Hippocampus
 - d. Amygdala
6. Which of the following is NOT an example of using spatial memory?
 - a. Finding your way to school
 - b. Remembering where you left your keys
 - c. Solving a math equation
 - d. Navigating a dark room

7. Learning occurs when new cells are added to the brain.
 - a. True
 - b. False
8. What do scientists call the mental map or representation of a space in the brain?
 - a. Cognitive map
 - b. Spatial blueprint
 - c. Environmental schema
 - d. Memory landscape
9. Which of these is a way to improve your brain's problem-solving abilities and spatial memory?
 - a. Put together jigsaw puzzles.
 - b. Build things with LEGO or make models.
 - c. Play games like chess or checkers.
 - d. All of the above.
10. Humans only use about 10% of their brains.
 - a. True
 - b. False

Answer Key

1. A. False
2. B Neuroplasticity
3. B. Frontal Lobe
4. A. True
5. C. Hippocampus
6. C. Solving a math equation
7. B. False
8. A. Cognitive map
9. D. All of the above
10. B. False