**Nervous System Webquest**

*Scroll down to the section on "THE BRAIN BASICS."*

*Click on the colored words ["DIVISIONS OF THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/nsdivide.html%22%20%5Ct%20%22_blank)*

*Answer the following questions from the information there...*

1. What are the two major subdivisions of the nervous system?

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2. What is another name for a "nerve cell"?

3. What two structures make up the **central** nervous system?

4. About how much does the brain weigh?

5. About how many nerve cells are in the brain?

*From this page click on the colored words, ["BRAIN FACTS AND FIGURES."](http://faculty.washington.edu/chudler/facts.html%22%20%5Ct%20%22_blank)*

*Using the data on this page, answer the following questions:*

6. What animal has the largest brain?

7. What animal has the smallest brain?

8. Does brain size correlate to intelligence?

*Go back to the page, ["DIVISIONS OF THE CENTRAL NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/nsdivide.html%22%20%5Ct%20%22_blank) Continue scrolling down to the section called "BRAIN STRUCTURES"*

9. Where is the cerebral cortex located?

10. What is a groove in the cortex called?

11. What is a bump in the cortex called?

12. What is one area of the brain that is responsible for memory and learning?

*Go back to the page ["EXPLORE THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Ct%20%22_blank)*

*Click on the colored words, ["OUR DIVIDED BRAIN."](http://faculty.washington.edu/chudler/lobe.html%22%20%5Ct%20%22_blank)*

13. What are the four major lobes of the brain?

14. What happened to Phineas Gage?

*Go back to the page, ["EXPLORE THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Ct%20%22_blank)*

*Click on the colored words, ["ONE BRAIN OR TWO?"](http://faculty.washington.edu/chudler/split.html%22%20%5Ct%20%22_blank)*

15. Name two functions that are dominant on the left brain side of the brain.

16. The right side of the brain?

17. What structure connects the right and left cerebral hemispheres?

18. What side of the brain controls language in most people?

19. List 4 famous left-handed folks

*Go back to the page, ["EXPLORE THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Ct%20%22_blank)*

*Click on the colored words, ["HE BRAINS, SHE BRAINS."](http://faculty.washington.edu/chudler/heshe.html%22%20%5Ct%20%22_blank)*

20. Is the proportion of brain weight to body weight different for men and women?

21. What happens to mens' brains as they age?

*Go back to the page, ["EXPLORE THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Ct%20%22_blank)*

*Click on the colored words, ["BRAIN DEVELOPMENT."](http://faculty.washington.edu/chudler/dev.html%22%20%5Ct%20%22_blank)*

22. When does the nervous system begin to form?

*Go back to the page, ["EXPLORE THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Ct%20%22_blank)*

*Click on the colored words, ["THE VENTRICLES AND CSF."](http://faculty.washington.edu/chudler/vent.html%22%20%5Ct%20%22_blank)*

23. What is cerebrospinal fluid (CSF)?

24. Name at least 2 functions of CSF.

*Go back to the page, ["EXPLORE THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Ct%20%22_blank)*

*Click on the colored words, ["THE BRAIN DURING SLEEP."](http://faculty.washington.edu/chudler/sleep.html%22%20%5Ct%20%22_blank)*

25. What instrument is used to measure brain activity?

26. About how much of your life do you spend asleep?

27. What does REM stand for?

*Go back to the page, ["EXPLORE THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Ct%20%22_blank)*

*Click on the colored words, ["BRAIN FITNESS - YOUR GUIDE TO GOOD HEALTH."](http://faculty.washington.edu/chudler/brainfit.html%22%20%5Ct%20%22_blank)*

28. List three tips given on this page for good health.

*Go back to the page, ["EXPLORE THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Ct%20%22_blank)*

*Click on the colored words, ["THE BRAIN VS. THE COMPUTER."](http://faculty.washington.edu/chudler/bvc.html%22%20%5Ct%20%22_blank)*

29. Which sends signals faster, a brain or a computer?

*Go back to the page, ["EXPLORE THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Ct%20%22_blank)*

*Click on the colored words, ["WHAT BECAME OF EINSTEIN'S BRAIN?"](http://faculty.washington.edu/chudler/ein.html%22%20%5Ct%20%22_blank)*

30. When did Einstein die?

31. Who removed his brain?

32. Where is the brain now?

*Go back to the page, ["EXPLORE THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Ct%20%22_blank)*

*Scroll down to the bottom of the page where it says, ["THE EFFECTS OF DRUGS ON THE NERVOUS SYSTEM."](http://faculty.washington.edu/chudler/introb.html%22%20%5Cl%20%22drug%22%20%5Ct%20%22_blank)*

*Click on the colored word ["ALCOHOL."](http://faculty.washington.edu/chudler/alco.html%22%20%5Ct%20%22_blank)*

33. What kind of drug is alcohol?

34. What term is given to drugs that kill brain cells?

*[Open the The Split Brain Experiment](http://nobelprize.org/educational_games/medicine/split-brain/%22%20%5Ct%20%22_blank)*

35. What exactly is a "split brain"?

36. Describe a person with a split brain.