

We're curious about brains!

Fact or fiction?

Guess if each statement is fact or fiction in Section 1. After you've guessed an answer, search some sources on the Internet to determine if the statements are actually fact or fiction. Write a brief summary of your findings underneath each statement in Section 2.

Section 1: For each of the following statements, GUESS if they are fact or fiction. Circle the answer; you don't have to show any work.

1. **Fact or Fiction:** The human brain has no pain receptors.
2. **Fact or Fiction:** Men have a higher chance of developing Alzheimer's than women.
3. **Fact or Fiction:** Alzheimer's disease is the most common cause of dementia.
4. **Fact or Fiction:** Only people older than 65 can get Alzheimer's disease.
5. **Fact or Fiction:** The human brain reaches full maturity at the age of 65.
6. **Fact or Fiction:** Your brain is the fattiest organ in the body. It is nearly 60% fat.
7. **Fact or Fiction:** Neurons use chemical and electrical signals to communicate with other cells.
8. **Fact or Fiction:** You have 3 major types of memory. Long term, medium term, and short term memory.
9. **Fact or Fiction:** The human brain weighs about 10 pounds.
10. **Fact or Fiction:** Alcohol can affect your hippocampus, which causes people who drink too much to "blackout".
11. **Fact or Fiction:** Neurons come in many shapes, sizes, and do many different jobs.



Section 2: For each of the following statements, search for sources on the Internet to determine if they are fact or fiction. Write Fact or Fiction on the line provided and underneath each question, summarize what you found during your searches.

1. _____ The human brain has no pain receptors.
2. _____ Men have a higher chance of developing Alzheimer's than women.
3. _____ Alzheimer's disease is the most common cause of dementia.
4. _____ Only people older than 65 can get Alzheimer's disease.
5. _____ The human brain reaches full maturity at the age of 65.
6. _____ Your brain is the fattiest organ in the body. It is nearly 60% fat.
7. _____ Neurons use chemical and electrical signals to communicate with other cells.
8. _____ You have 3 major types of memory. Long term, medium term, and short term memory.
9. _____ The human brain weighs about 10 pounds.
10. _____ Alcohol can affect your hippocampus, which causes people who drink too much to "blackout".
11. _____ Neurons come in many shapes, sizes, and do many different jobs.

