

Brain Questions and Answers

What are the three different types of memory?

- Working memory
- Long-term memory
- Skill memory

Which parts of the brain are responsible for each type of memory?

- Working memory occurs in the prefrontal cortex.
- Long-term memory is kept in the hippocampus.
- Skill memory is in the cerebellum.

What are some problems with memory? (Answers may vary.)

- Sometimes people remember events differently from the way they really happened.
- People sometimes remember things that didn't really happen.
- Things like stress and sleep deprivation can cause memory loss.

What are mnemonic devices?

- Mnemonic devices are ways to help people remember things, such as lists, the order of operations, or vocabulary in a foreign language.

Why do mnemonic devices work?

- Mnemonic devices work because they help break complicated information into more manageable pieces. They connect prior knowledge to new knowledge helping the brain to make sense of information it has never seen before.