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**Name this file using the following format:**

**LastnameFirstname\_Section\_AssignmentName**

For example: SmithJohn\_A54\_AuditorySystem

**PsychSim Online: Short-Term Memory (Working Memory)**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Course/Section: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Instructor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Watch the following videos and read the article to answer the following questions:

<https://practicalpie.com/working-memory/>  
<https://youtu.be/PoSqNd1TE4A>

1. **In your own words**, describe working memory and how it relates to short-term and long-term memory.

For each of the following functions, identify which of the 3 components of central executive memory is primarily used.

1. Processes visual information
2. Synthesizes visual and auditory information
3. Can process information if it takes about 2 seconds or less to recite
4. Processes auditory information
5. Can integrate time
6. Processes information such as colours and shapes
7. Can process visual information if it can be converted into semantic information (i.e., words)

For each of the examples, identify which mnemonic device is used (*chunking, keyword method, or method of loci*).

1. Lwaxana is preparing for a speech as part of her job as an ambassador. She has found that the best way to remember the key points of a speech is to imagine she is walking through her home and associating each room with an important component of the speech. Which mnemonic device *best* describes the method Lwaxana is using to remember her speech?
2. Elim was given a password that contains numbers and letters and is required to remember it without writing it down. The password is 46001JB2369. He remembers this by recalling that 46001 is the code (also known as a star-date) for the date he was put into exile by his government; JB is the initials of his good friend Julian Bashir; and 2369 is the Earth year that corresponds with the star-date he was put into exile. Which mnemonic device *best* describes the method Elim is using to remember this password.
3. Geordi is studying for an exam and needs to remember what the word ‘deleterious’ means (it means “to cause harm or to damage”). To remember the definition, he imagines he is pressing the ‘delete’ key on his laptop to damage his essay (by deleting words). Which mnemonic device *best* describes the method Geordi is using to remember the word?