Review of Week 3

COGS1 - Winter 2017
Quiz C will be on week 3 reading and lecture material.

Extra Credit reading: “Go Ahead and Curse In Front of Your Kids” quiz will be available on TritonEd from:
- Tuesday, January 31 @ 3pm – Wednesday, February 1 @ 10:45am

Midterm-1 is on Monday during lecture of Week 5
- Midterm-1 covers all material from weeks 1 – 3.
From the reading, what evidence is presented that sign language is a real language? Compare and contrast spoken languages and sign languages (from reading.)

Which hemisphere is typically associated with language? visuo-spatial ability?

Why would it make sense that Broca’s area and Wernicke’s areas are located where they are - for language processing?

Do deaf signers with damage in Wernicke’s area display an aphasia similar to Wernicke’s Aphasia? What about Broca’s area damage? Describe and identify examples of each.
Know the major sulci, lobes, regions, and language specific areas.
What effect does having language change your ability to think?

Use the following in your answer:

- What do words "do for us"? Can we have thoughts without language?
- What happens to our cognitive abilities with symbolic representation?
- Deaf children in Nicaragua in 1970's - before and after learning how to sign.
- Visual echolalia
- Stroke of Insight – Dr. Jill Bolte Taylor – what happened to the "chatter in her head"?
- Connecting ideas: rats and children (re. "white room/blue wall") discussion.
- How did Shakespeare act like a "chemist" of "words"? What effect would that have on our ability to think and express ourselves?
Read the Lera Boroditsky reading “Lost in Translation” (there will be questions from this)

What are some examples (from Dr. Borodisky’s lecture) of deep/early, broad/pervasive and real-world effects of language on thought?

What does the “Russian Blue” study demonstrate about the influence of language on thought?

What are some examples that demonstrate the cognitive consequences of grammatical gender?

What is special about the way that Kuuk Thaayorre speakers represent space (and time)?

What happens when politics replaces French/France with Freedom?
What is Descartes' position on the relationship between the mind and the body?

How does cognitive embodiment differ from Descartes' classical position?

What are the implications of thinking about the brain as a computer? How does that influence how you think about cognition?

What is emergence? How does emergence differ from synergy?

Discuss examples of emergence and relate it to a theory of consciousness.

What is the difference between weak emergence and strong (irreducible) emergence?