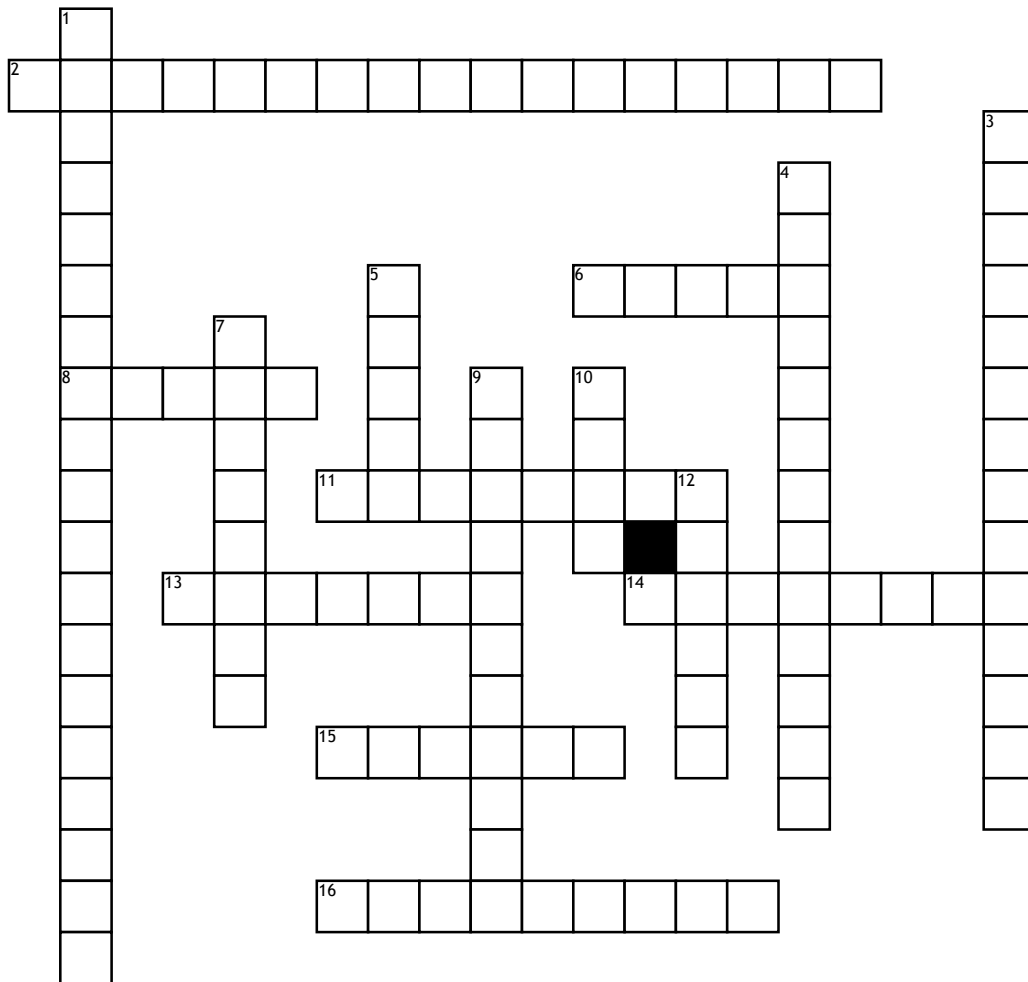


# Anatomy Chapter 7 pp 235-239



## Across

2. The spatial map that represents the body in an upside down manner.  
 6. The body map on the motor cortex is called?  
 8. The cerebral hemisphere is divided into a number of?  
 11. The elevated ridges of tissue in the cerebral hemispheres are separated by less numerous deeper grooves called?  
 13. This lobe forms the major voluntary motor tract?

14. Which lobe is the auditory area located?  
 15. The area that is very involved in our ability to speak is?  
 16. Which lobe is the visual area located?

## Down

1. This is composed of fiber tracts carrying impulses to from the cortex.  
 3. This connects the cerebral hemispheres.  
 4. This is the major voluntary motor tract?

5. The elevated ridges of tissue in the cerebral hemispheres are separated by shallow grooves called?  
 7. What are the two parts of the brain called collectively?  
 9. Although most of the gray matter is in the cerebral cortex, there are several islands of gray matter called?  
 10. The entire surface of the cerebral hemispheres exhibits elevated ridges of tissue called?  
 12. This area allows one to sound out words.

## Word Bank

- |                    |                       |              |               |
|--------------------|-----------------------|--------------|---------------|
| lobes              | speech                | frontal      | cerebrum      |
| corpus callosum    | temporal              | gyri         | fissures      |
| sensory homunculus | cerebral white matter | basal nuclei | sulci         |
| broca's            | occipital             | motor        | corticospinal |