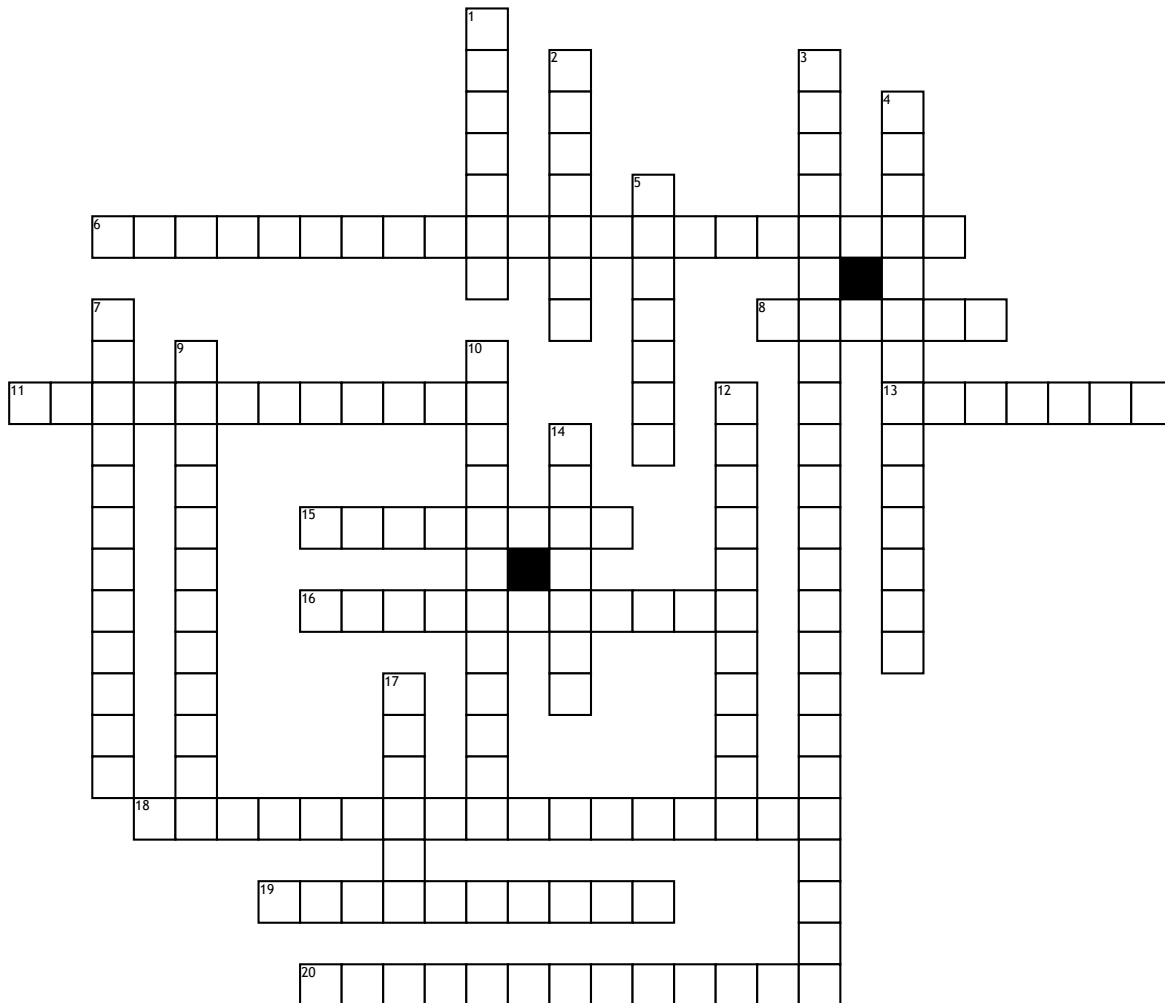


# Phineas Gage



## Across

6. an instrument that traces electrical patterns in the brain  
 8. a severe bacterial infection  
 11. the middle portion of the cortex at the top of the head  
 13. the inability to speak, usually caused by injury or disease affecting Broca's area on the brain's frontal lobe  
 15. a seizure disorder caused by breakdowns in the natural electrical patterns in the brain  
 16. a physiological state in which body temperature falls well below normal

18. chemical signals that carry nerve impulses across the synapses between neurons

19. the tract carrying the nerves from the brain stem to the rest of the body  
 20. the part of the cortex at the back of the head

## Down

1. a crane lifting heavy objects  
 2. the tiny space between the axon of one neuron and the connecting dendrite of another  
 3. the space that divides the left and right hemispheres  
 4. a bundle of neurons that connects the left and right hemispheres of the cortex

5. a dead body donated for dissection

7. a strong, corrosive chemical poison once used as a disinfectant  
 9. the part of the cortex on the side of the head  
 10. the breakdown by living yeast bacteria of natural sugars into alcohol and carbon dioxide  
 12. the part of the cortex at the front of the brain  
 14. a swollen pocket in tissue where dead bacteria and immune cells collect during an infection  
 17. a nerve cell that transmits electrical or chemical impulses