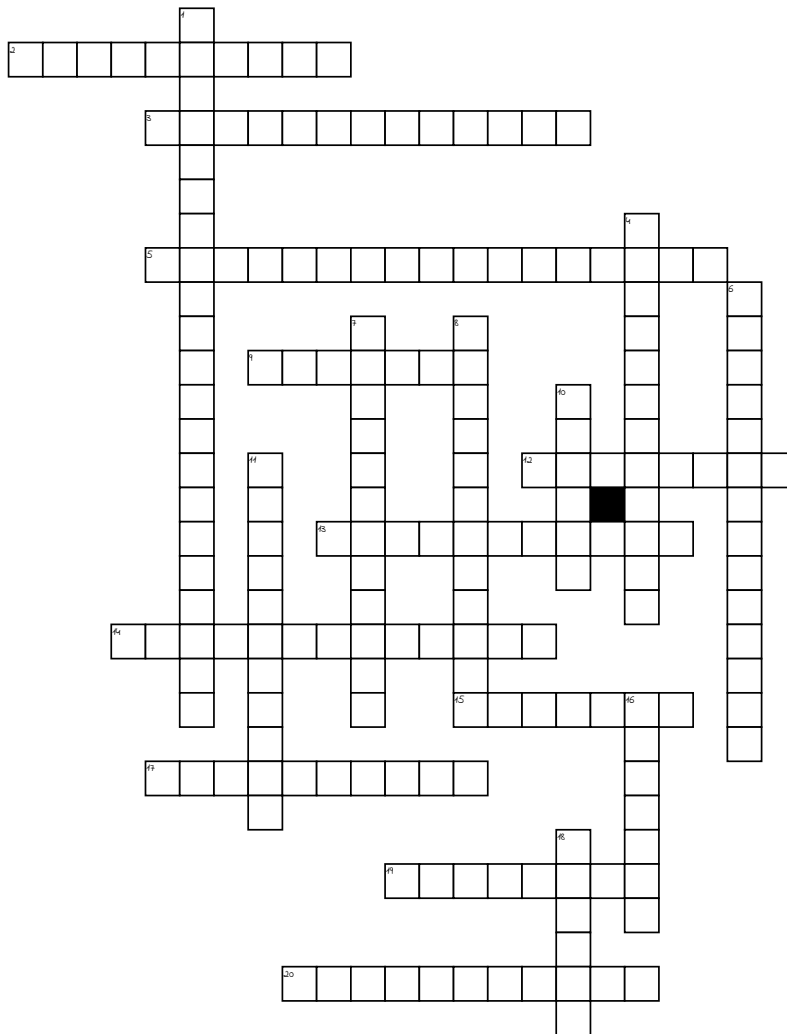


# Phineas Gage Crossword Puzzle



## Across

2. the tract carrying the nerves from the brain stem to the rest of the body

3. the part of the cortex at the back of the head

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

9. the inability to speak, usually caused by injury or disease affecting Broca's area on the brain's frontal lobe.

12. a seizure disorder caused by breakdowns in the natural electrical patterns of the brain

13. similar in appearance to a crowbar, it was a specialized tool for gunpowder blasting in construction work before the invention of dynamite

14. a large tribe of related bacteria. They are pathogenic, meaning they can cause disease, usually through wound infections or food poisoning

15. a crane for lifting heavy objects

17. the first widely used antibiotic that halted infections by attacking pathogenic bacteria.

19. a life-threatening infection occurring when dead and dying tissue close off the circulation of blood to limbs

20. the part of the cortex at the front of the brain

## Down

1. an instrument that traces electrical patterns on the brain

4. the part of the cortex on the side of the head

6. a bundle of neurons that connects the left and right hemispheres of the cortex

7. the middle portion of the cortex at the top of the head

8. a strong corrosive chemical poison once used as a disinfectant

10. a severe bacterial infection

11. a physiological state in which body temperature falls well below normal

16. a dead body donated for dissection

18. a nerve cell that transmits electrical or chemical impulses

## Word Bank

aphasia  
derrick  
penicillin  
corpus callosum  
occipital lobe

sepsis  
temporal lobe  
epilepsy  
electroencephalograph  
frontal lobe

spinal cord  
neurotransmitters  
tamping iron  
hypothermia  
staphylococci

parietal lobe  
gangrene  
carbolic acid  
cadaver  
neuron