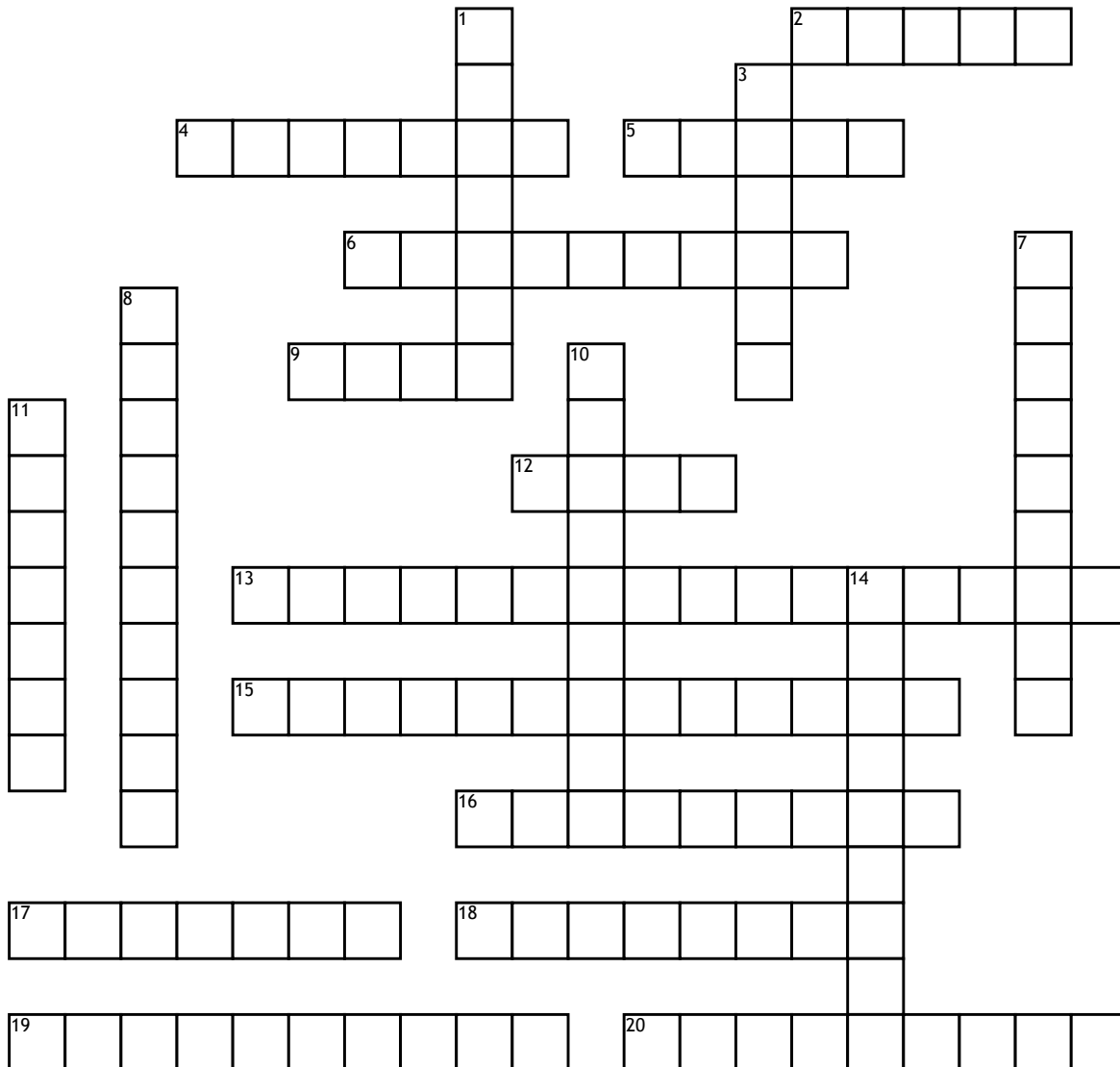


# Invertebrates



## Across

2. Front opening of the digestive tract, into which food is taken for digestion  
 4. organisms that live on the bottom of the ocean  
 5. claw of an arthropod  
 6. stiff rod of tissue along the back of the body  
 9. part of the body at the "front" end, where the brain, mouth, and sensory organs are  
 12. Any opening into or through a tissue or body structure  
 13. State insect of Alabama, Idaho, Illinois

15. insect named this because it resembled someone in a praying position  
 16. Jellylike material between the outer ectoderm and the inner endoderm of cnidarians  
 17. Segment of the body formed by a region of muscle  
 18. innermost basic layer of tissue  
 19. insect that has an hour-glass shape on its abdomen  
 20. The portion of the digestive tract between the stomach and anus; it is the region where most of the nutrients are absorbed

## Down

1. When stiff body parts are connected by a soft flexible region  
 3. A specialized cell that can react to stimuli and transmit impulses  
 7. The second pair of appendages of cheliceromorphs  
 8. The "free cheeks"; separate, detachable portions of the trilobite cephalon  
 10. portion of the gut which connects the pharynx to the stomach  
 11. The main opening through which filtered water is discharged  
 14. outermost layer of skin