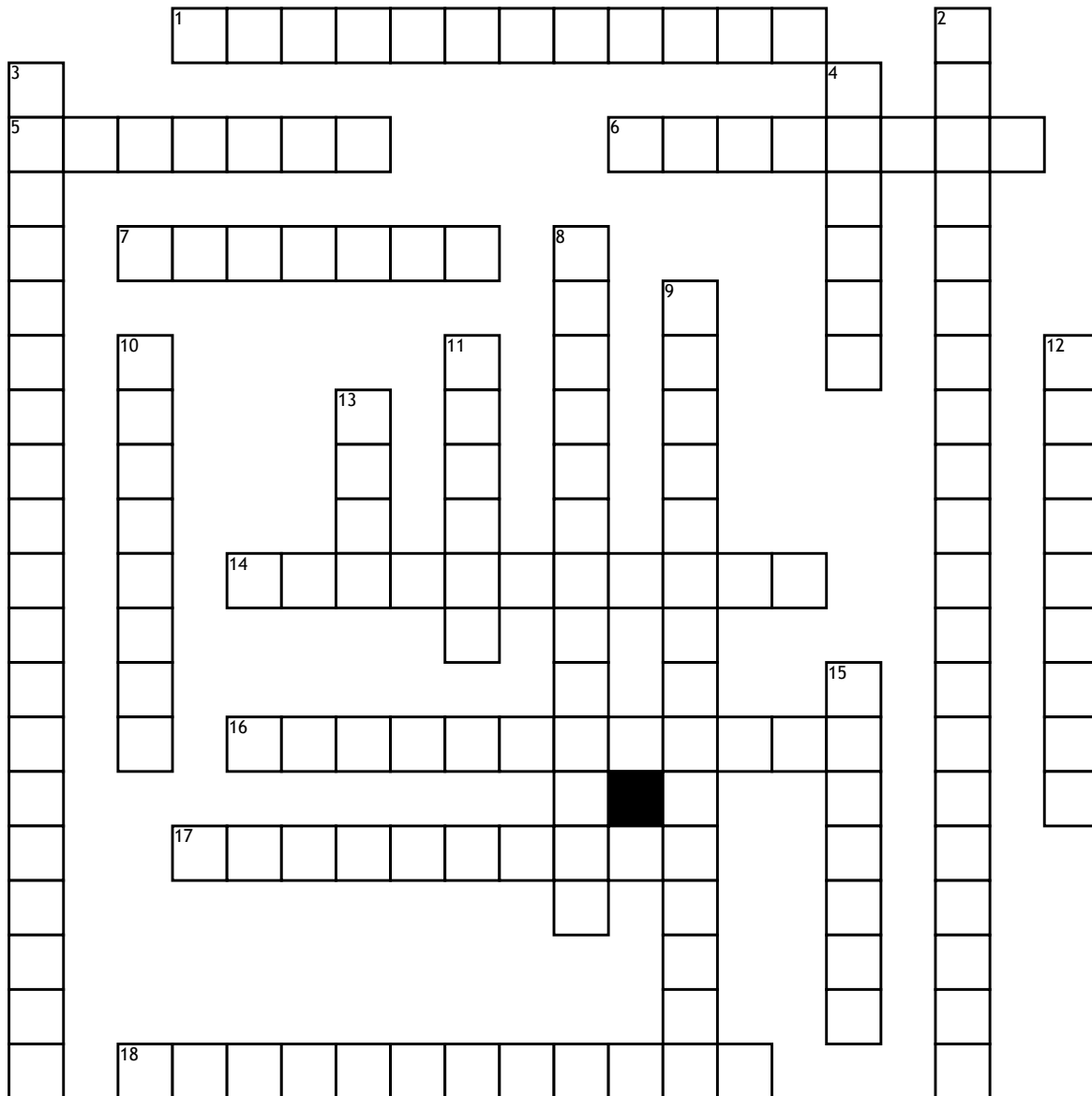


# The urinal and nervous system



## Across

1. Transfers a signal to a muscle effector.  
 5. Biological name for a nerve cell  
 6. Connect nerve cells together  
 7. Where urine is stored  
 14. supplies the kidneys with blood of high urea concentration.  
 16. Monitors the contents of the blood and controls it.

17. where ultrafiltration takes place

18. The fatty material that covers the axon.

## Down

2. The organs; spinal cord and brain together form the...  
 3. The hormone that controls body water content  
 4. is used to transfer urine to 8.  
 8. The membrane of 2. is...

9. The process used to transfer minerals from 2. back into the bloodstream.

10. tiny filtration tubes in the kidney.

11. The part of the kidney where the loop of henle is in

12. The hormone in 4. makes the membrane of 2. more

13. The fibre that carries impulses to the effector organ.

15. The transfer of water from high concentration to low concentration