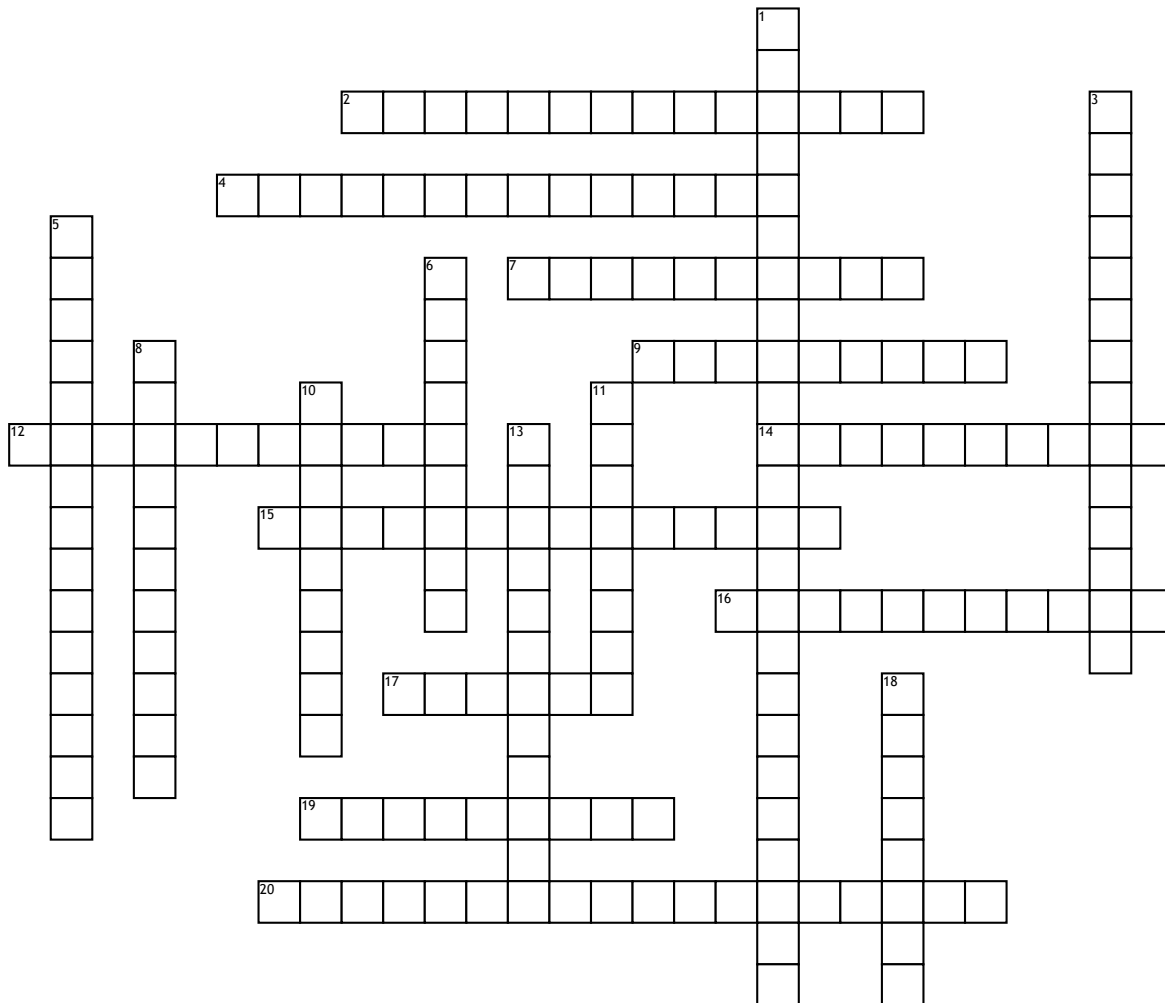


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# kidney disease



## Across

2. an alteration of bone morphology found in patients with chronic kidney disease

4. The membrane at the head of the nephron; this capsule is named for the English physician who in 1843 first established the basis of plasma filtration and consequent urine secretion in the relationship of the blood-filled glomeruli and the filtration across the enveloping membrane

7. The first section of the nephron; a cluster of capillary loops that are cupped in the nephron head that serves as an initial filter

9. the abnormal presence of blood in the urine

12. Reabsorption (passive)

14. The kidneys filter most particles in blood except for larger components of red blood cells and proteins

15. Reabsorption (active)

16. an abnormal excess of serum proteins in the urine

17. The absence of urine production

19. The smallest branch of any artery that connects with the capillaries

20. A form of dialysis in which the waste/excess fluid is filtered using the individual's \_\_\_\_\_ membrane

## Down

1. The volume of fluid filtered from the renal glomerular capillaries

3. Hormone that stimulates the production of red blood cells in the bone marrow

5. the formation of a kidney stone

6. The now-concentrated urine contains waste materials

8. toxic to the kidney

10. \_\_\_\_\_ of additional hydrogen ions occurs as needed to maintain the acid-based balance

11. an excess of urea and other nitrogenous substances in the blood

13. The winding tubules selectively \_\_\_\_\_ and return to the blood substances within the filtrate that the body needs

18. The process of removing waste and excess fluid from the blood when one's kidneys are not working