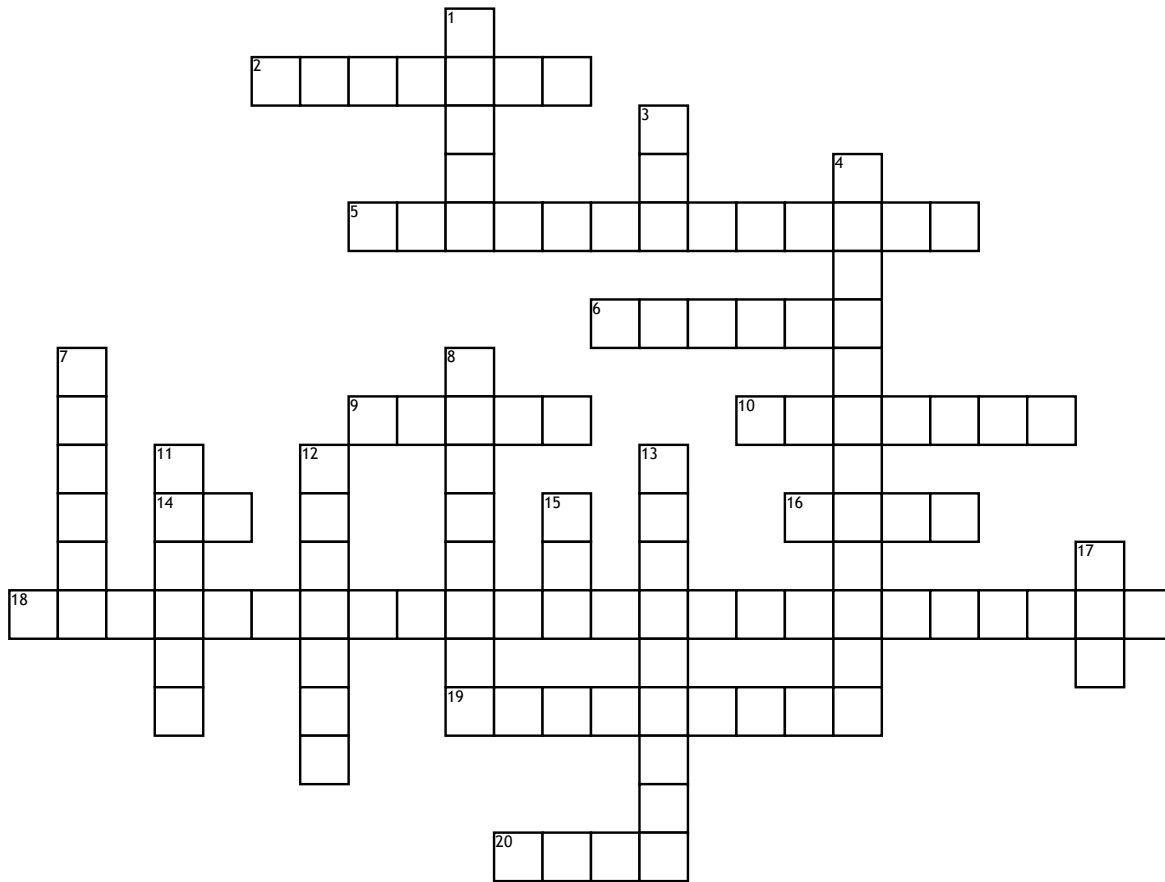


Diffusion, osmosis and gas exchange



Across

2. Which solution affects a potato's mass when reacting with it in various concentrations?
 5. What is the name of another gas involved in gas exchange?
 6. Is active transport active or passive?
 9. Does diffusion occur along or against a concentration gradient?
 10. Does active transport occur along or against a concentration gradient?
 14. Does having a larger surface area increase the plant's appetite?

16. What region of concentration does diffusion start from?

18. What does a larger surface area do?

19. What subcellular structure is vital during the absorption of amino acids?

20. Are the walls of alveoli thin or thick?

Down

1. Does a lower sucrose concentration mean the potato's percentage change in mass will be higher or lower than it would be for a higher sucrose concentration?

3. Which colour of blood is involved in gas exchange?

4. What do plants need to grow and survive?

7. What is the name of a gas involved in gas exchange?

8. Which plant cell absorbs minerals and water?

11. What is needed for active transport to occur?

12. Is diffusion active or passive?

13. What is the main process involved in gas exchange?

15. How many cells thick are the walls of alveoli/ capillaries?

17. Which region of concentration do the particles diffuse to in diffusion?