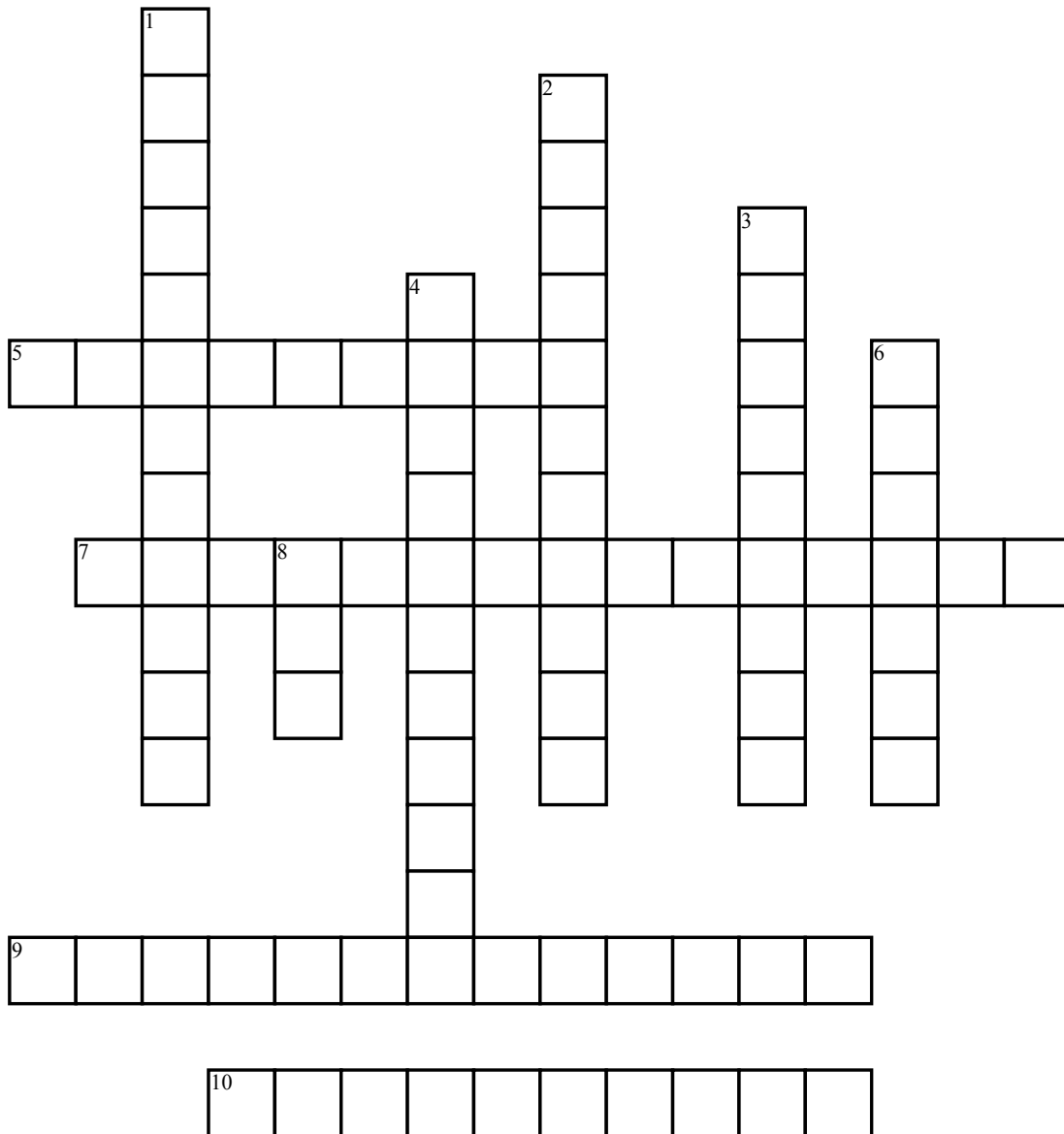


Name: \_\_\_\_\_

# active transport



## Across

5. what cell has a cell wall that is permeable to every molecule as it helps the cell to stop bursting when it gains water by osmosis.

7. requires energy, specialised proteins. it happens when cells need to absorb something that is already at a higher concentration in the cell

9. what was the treatment called that caused the blue to diffuse all over the fish tank

10. what doesn't have a cell wall but change their shape and size when put into different solutions

## Down

1. have long protrusions which stick out into the soil. this gives the cell a large surface area.

2. a state where opposing forces or influences are balanced

3. moves substances around the body but only moves substances down their gradient from a region of high concentration to a region of low concentration

4. what makes the rate of diffusion increase and makes there more movement in the molecules

6. what is the diffusion of water molecules from a higher concentration to a lower concentration, through a partially permeable membrane.

8. what disease affected fish that the cure was a blue solution