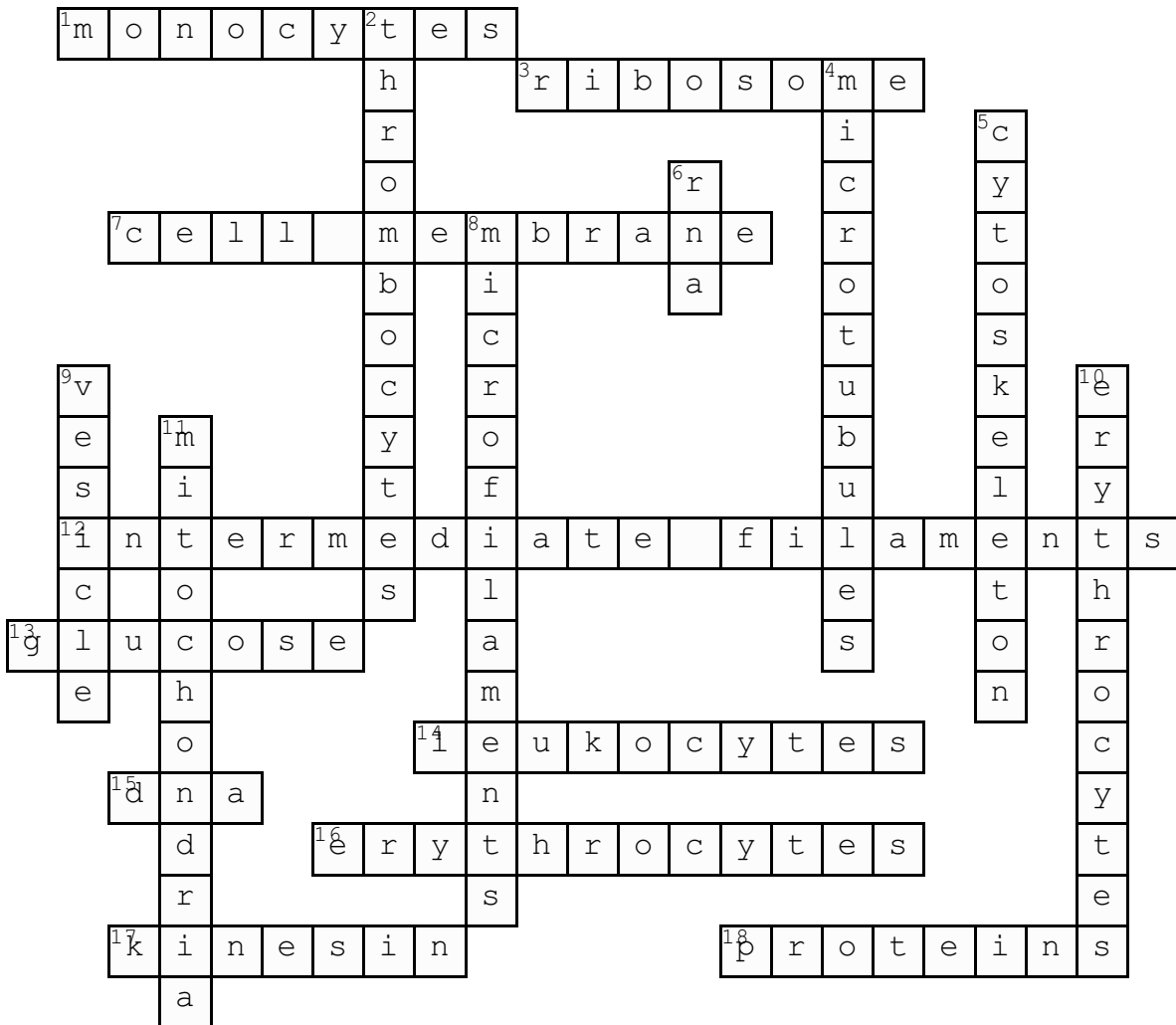


Name: _____



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Across

1. type of Leukocytes, becomes a macrophage that destroys viruses (**monocytes**)
3. links to amino acids in protein synthesis (**ribosome**)
7. consists of lipid bi-layers and proteins, allows water, oxygen, and waste to pass through it (**cell membrane**)
12. 10 nm, made up of protein (**intermediate filaments**)
13. simple sugar, C6-H12-O6 (**glucose**)
14. protects the body from infections (**leukocytes**)
15. carries genetic code, contains instructions for protein synthesis (**dna**)
16. carries oxygen from our lungs to the rest of the body (**erythrocytes**)
17. moved by ATP molecules, goes to nucleus (**kinesin**)
18. moves cargo and information through the cell (**proteins**)

Down

2. platelets (**thrombocytes**)
4. 24 nm, wide enough to be used for transport (**microtubules**)
5. made of a network of three adjustable strands, makes the shape of the cell (**cytoskeleton**)
6. section of DNA that is copied, contains single ingredient for protein synthesis (**rna**)
8. 7 nm, thinnest strands (**microfilaments**)
9. fluid or air filled sac in the cell (**vesicle**)
10. 45% of our blood's volume (**erythrocytes**)
11. free floating organelle that converts food to energy (**mitochondria**)