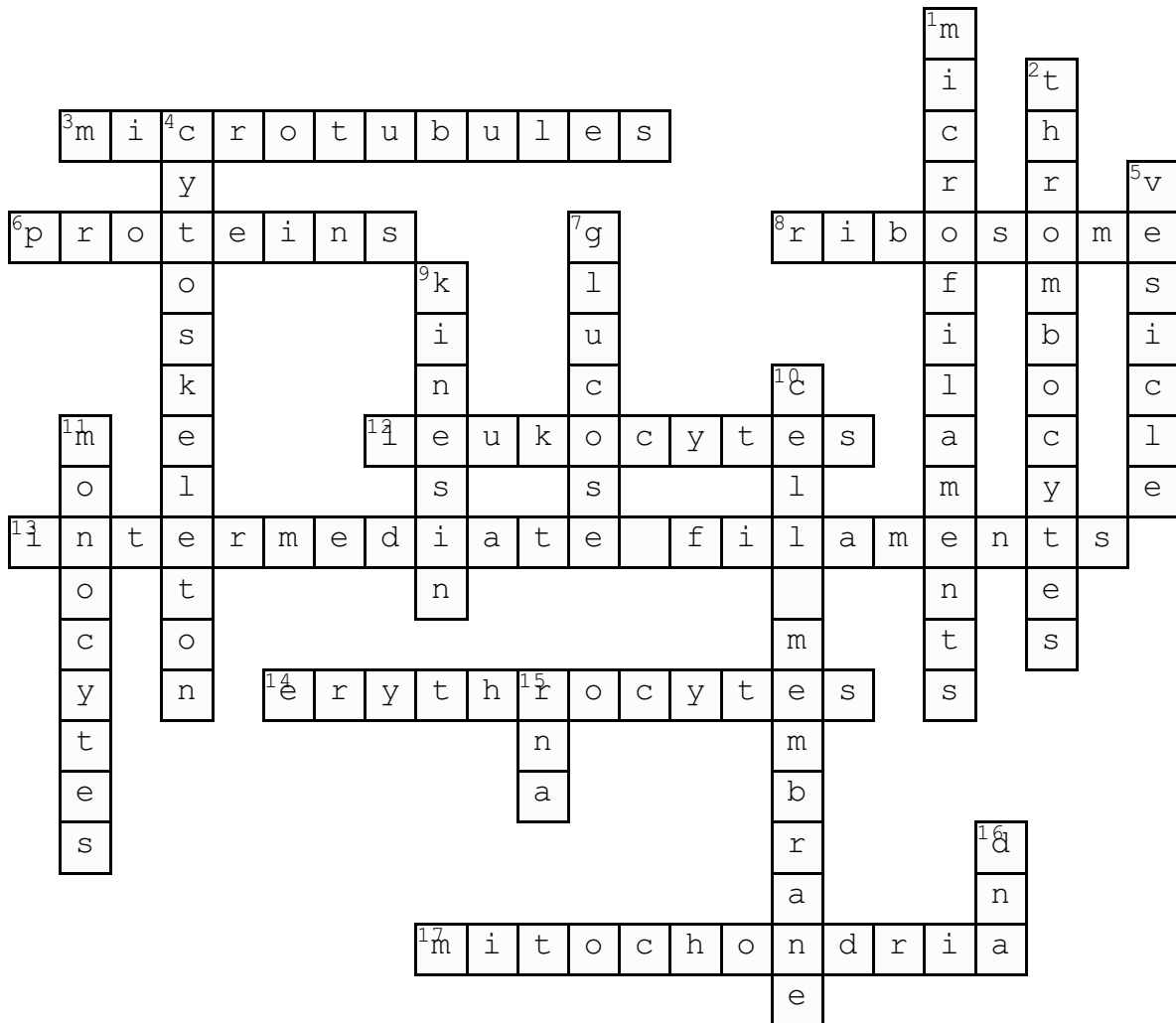


Name: _____



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Across

- 3. 24 nm, wide enough to be used for transport (**microtubules**)
- 6. moves cargo and information through the cell (**proteins**)
- 8. links to amino acids in protein synthesis (**ribosome**)
- 12. protects the body from infections (**leukocytes**)
- 13. 10 nm, made up of protein (**intermediate filaments**)
- 14. carries oxygen from our lungs to the rest of the body (**erythrocytes**)
- 17. free floating organelle that converts food to energy (**mitochondria**)

Down

- 1. 7 nm, thinnest strands (**microfilaments**)
- 2. stops the loss of blood at a tear in a blood vessel (**thrombocytes**)
- 4. made of a network of three adjustable strands, makes the shape of the cell (**cytoskeleton**)
- 5. fluid or air filled sac in the cell (**vesicle**)
- 7. simple sugar, C6-H12-O6 (**glucose**)
- 9. moved by ATP molecules, goes to nucleus (**kinesin**)
- 10. consists of lipid bi-layers and proteins, allows water, oxygen, and waste to pass through it (**cell membrane**)
- 11. type of Leukocytes, becomes a macrophage that destroys viruses (**monocytes**)
- 15. section of DNA that is copied, contains single ingredient for protein synthesis (**rna**)
- 16. carries genetic code, contains instructions for protein synthesis (**dna**)