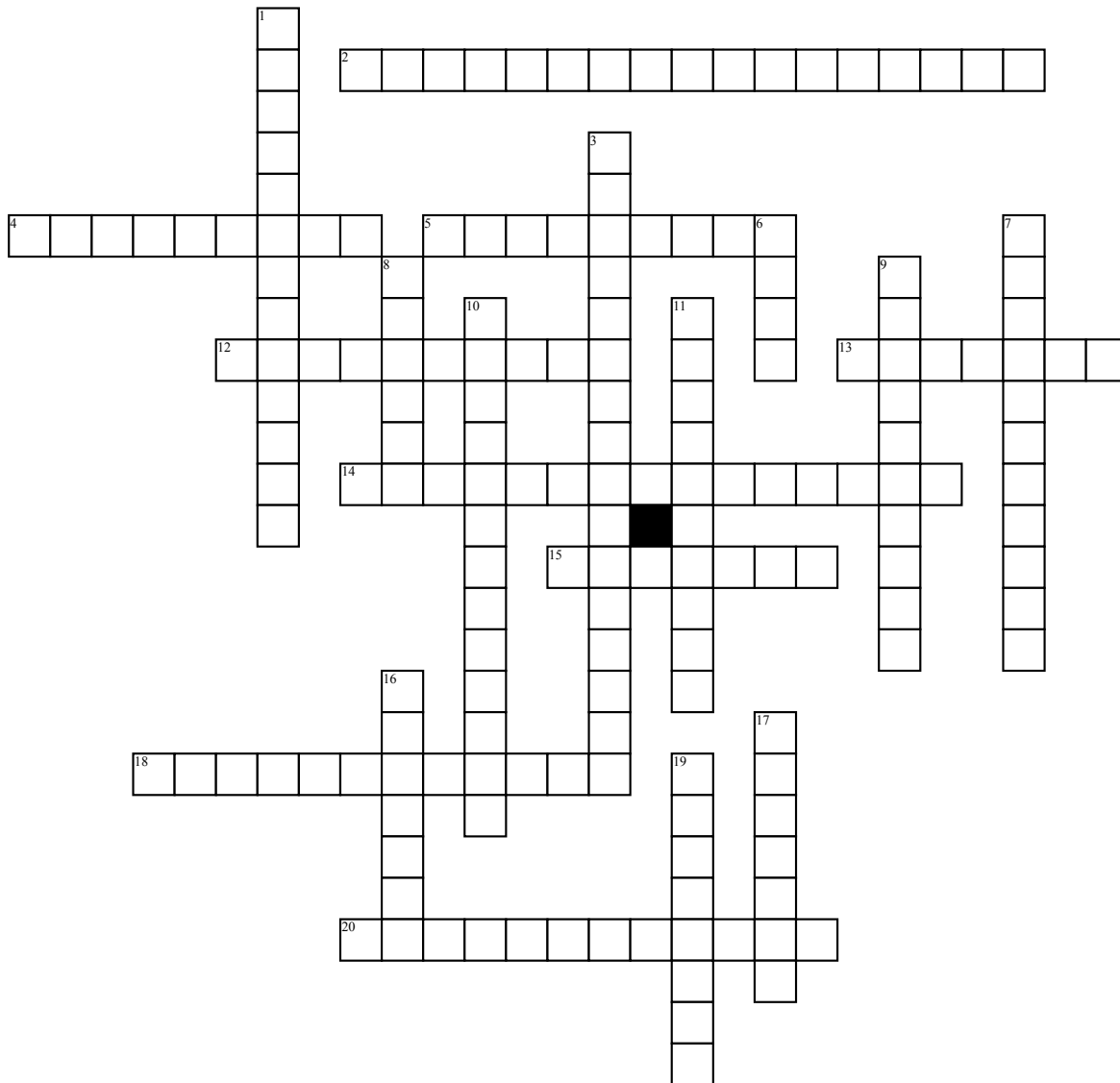


Name: _____

Phylum Arthropoda



Across

- 2. Sac like organs that extract waste from blood
- 4. Chewing mouthparts of a crustacean
- 5. Used for air to enter/leave a terrestrial arthropod's breathing tubes
- 12. Mouthparts of a chelicerate
- 13. Used to transport blood throughout an arthropod's body
- 14. This system controls the process of molting
- 15. Crustacean with five pairs of legs

- 18. More than 2000 separate lenses that detect motion and colour
- 20. Land arthropods have this to prevent water loss

Down

- 1. The fusion of the head and thorax
- 3. Used for respiration in aquatic arthropods
- 6. All spiders produce this
- 7. Does not grow as the animal grows and is made up of a protein and carbohydrate
- 8. The protein and carbohydrate that makes an exoskeleton

- 9. Flipperlike appendages used for swimming
- 10. This controls and coordinates the muscle groups
- 11. During the molting process, it leaves an animal _____
- 16. Nerve cells along the ventral cord
- 17. Process of which the exoskeleton is shed while a new one is produced
- 19. The only type of fertilization terrestrial arthropods are able to do