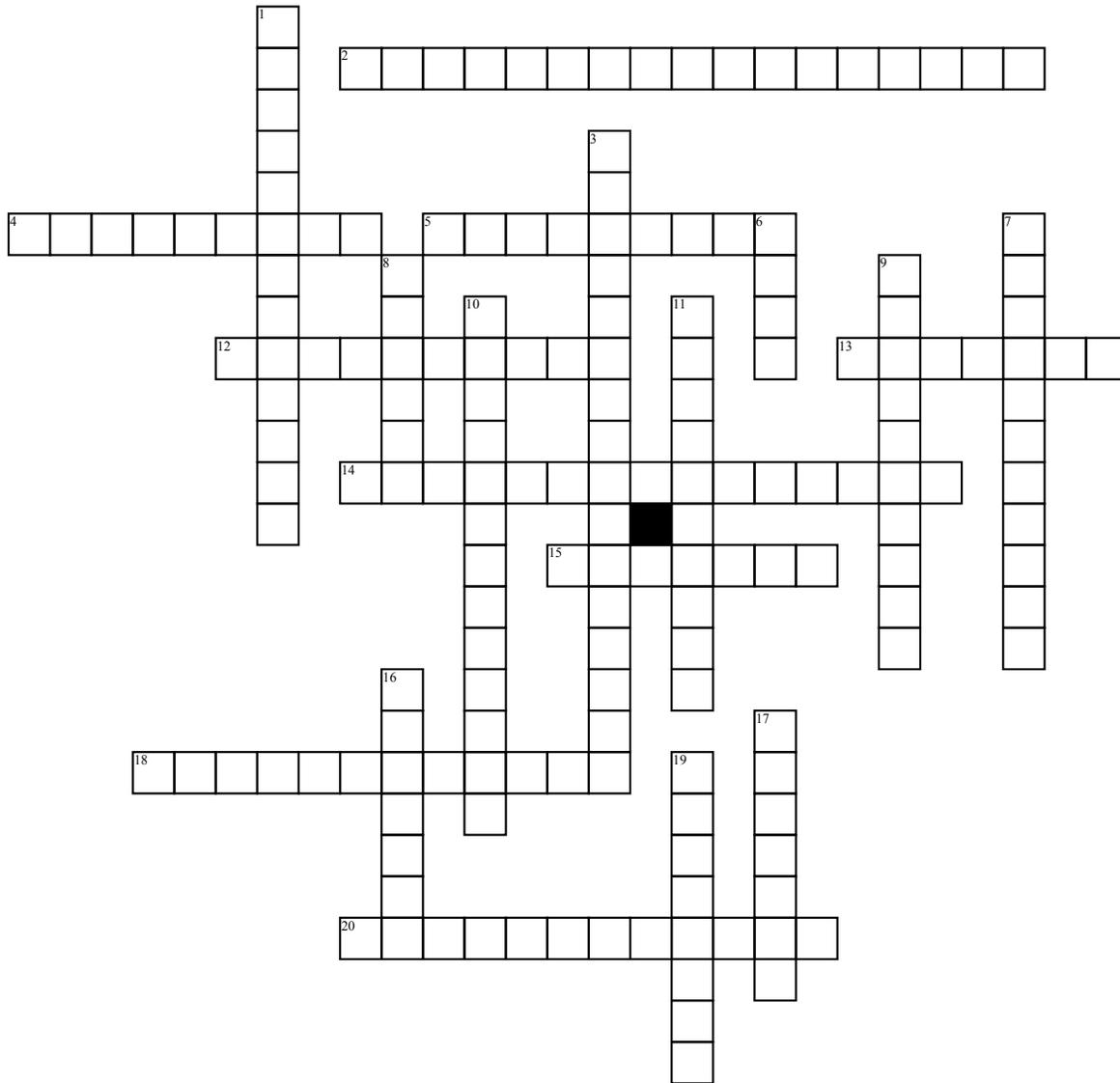


Name: _____

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