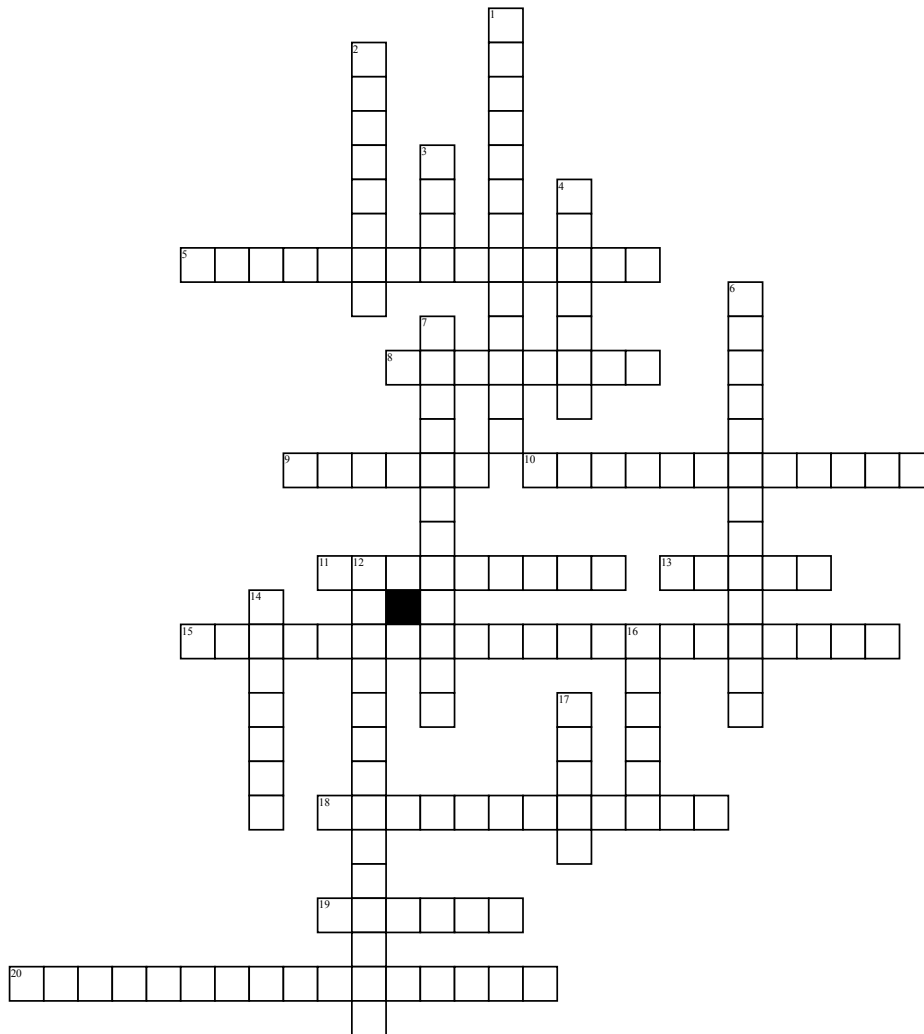


Name: \_\_\_\_\_

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# Mollusk Crossword



**Across**

- 5. pigment cells that change the color of an organism, allowing it to camouflage
- 8. one of the two regions of the mollusk body consisting of the head and the foot
- 9. tubelike structure through which water enters and leaves a mollusk's body
- 10. an arm of adult males used to pluck a spermatophore from his own mantle cavity and insert into a female's mantle cavity
- 11. a hard flap serving as a cover for (a) the gill slits in fishes or (b) the opening of the shell in certain gastropods when the body is retracted
- 13. organs that exchange oxygen and carbon dioxide with water
- 15. system in which blood is not always contained within a network of blood vessels

- 18. area beneath the mantle of a mollusk that contains the internal organs
- 19. a protective layer of epidermis in mollusks or brachiopods that secretes a substance forming the shell
- 20. gelatinous rod that projects into the stomach; the rotating of the style frees digestive enzymes and rolls the food mass

**Down**

- 1. a type of excretory gland or nephridium found in many types of invertebrates such as Annelids, Arthropods and Molluscs. It typically consists of a ciliated funnel opening into the body cavity or coelom connected to a duct which may be variously glandularized, folded or expanded and which typically opens to the organism's exterior.
- 2. concentric layers of bony connective tissue

- 3. oldest part of the shell of a bivalve from which the shell grows
- 4. a twisting force
- 6. CaCO<sub>3</sub> laid down over a thin protein matrix; secreted continuously so it becomes thicker over time
- 7. the outer layer of a bivalve, consists of concholin
- 12. the middle layer of the mollusk shell, composed of calcium carbonate
- 14. a distinctive type of larva
- 16. an organ covered with teeth that mollusks use to scrape food into their mouths
- 17. hard outer covering or case of certain organisms such as arthropods and turtles

**Word Bank**

- |                |                 |                   |                         |
|----------------|-----------------|-------------------|-------------------------|
| Nacreous Layer | Umbo            | Metanephridia     | Operculum               |
| Hectocotylus   | Visceral mass   | Chromatophores    | Mantle                  |
| Veliger        | Periostracum    | Crystalline Style | Open Circulatory System |
| Lamellae       | Prismatic Layer | Radula            | Siphon                  |
| Shell          | Torsion         | Head-foot         | Gills                   |