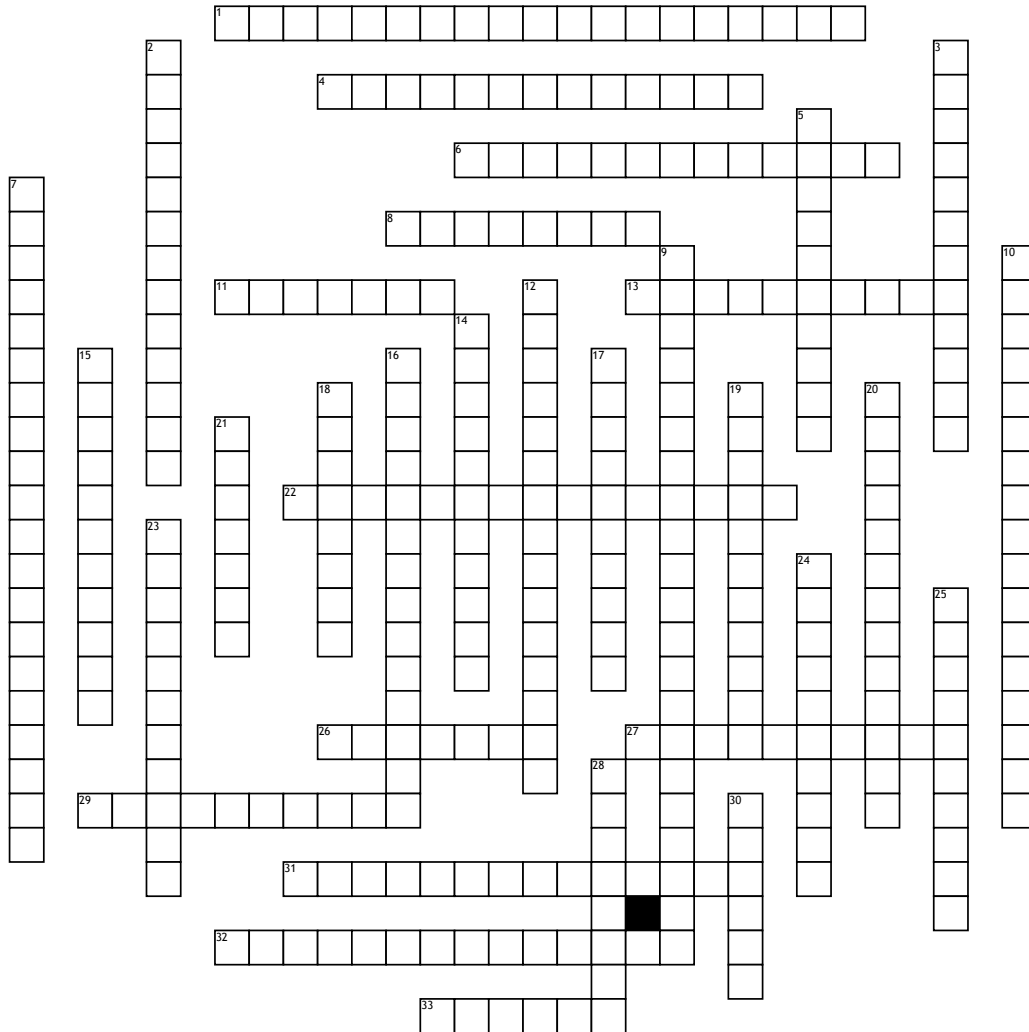


9 Largest Phylum



- Across**
- 1. embryonic cells cant form a new organism if separated
 - 4. brain interprets nerve impulses and sends a response
 - 6. sensory organs concentrated at the head
 - 8. arrangement of body parts around a central plane or axis
 - 11. larva of cnidarians
 - 13. outer covering of an animal
 - 22. animals have a body cavity only partially lined with mesoderm
 - 26. Non moving
 - 27. central cavity of the blastula
 - 29. have a backbone or spine
 - 31. embryonic cell division parallel or perpendicular to the vertical axis of the embryo
- Down**
- 2. found in all vertebrates are found inside the body & are made of cartilage &/or bone
 - 3. develop anus from blastopore
 - 5. larva of echinoderms
 - 7. take in food and internally digest it
 - 9. embryonic cells can form other organisms if separated such as identical twins
 - 10. transports oxygen and nutrients to cells & carbon dioxide and wastes away from cells
 - 12. rids animals of wastes, help conserve water, & filter wastes from the blood
 - 14. larva of mollusks
 - 15. found in arthropods and cover the outside of the body but limit size (made of chitin)
 - 16. provides energy for movement
 - 17. form the tissues, organs, & systems of an animal (endoderm, ectoderm, mesoderm)
 - 18. hollow ball of cells
 - 19. develop mouth from blastopore (mollusks, arthropods, & annelids)
 - 20. hold individual cells in a tissue together
 - 21. asexual reproduction in which an outgrowth breaks off to form a new individual
 - 23. deep cavity of the gastrula that forms the primitive gut
 - 24. opening in the gastrula formed when the blastula forms inward
 - 25. animals do not have a body cavity but have solid bodies
 - 28. rapid cell divisions
 - 30. internal body cavity lined with mesoderm

Word Bank

- | | | | | |
|-----------------|--------------------|------------------------|------------------|----------------------|
| deutrostomes | pseudocoelomate | trochophore | excretory system | acoelomate |
| exoskeleton | circulatory system | radial cleavage | cleavage | budding |
| spiral cleavage | zygote | indeterminate cleavage | cephalization | determinate cleavage |
| symmetry | dipleurula | ingestive heterotroph | germ layers | protostomes |
| cell junctions | vertebrate | endoskeletons | coelom | sessile |
| muscular tissue | blastocoel | nervous system | Planula | blastopore |
| archenteron | integument | blastula | | |