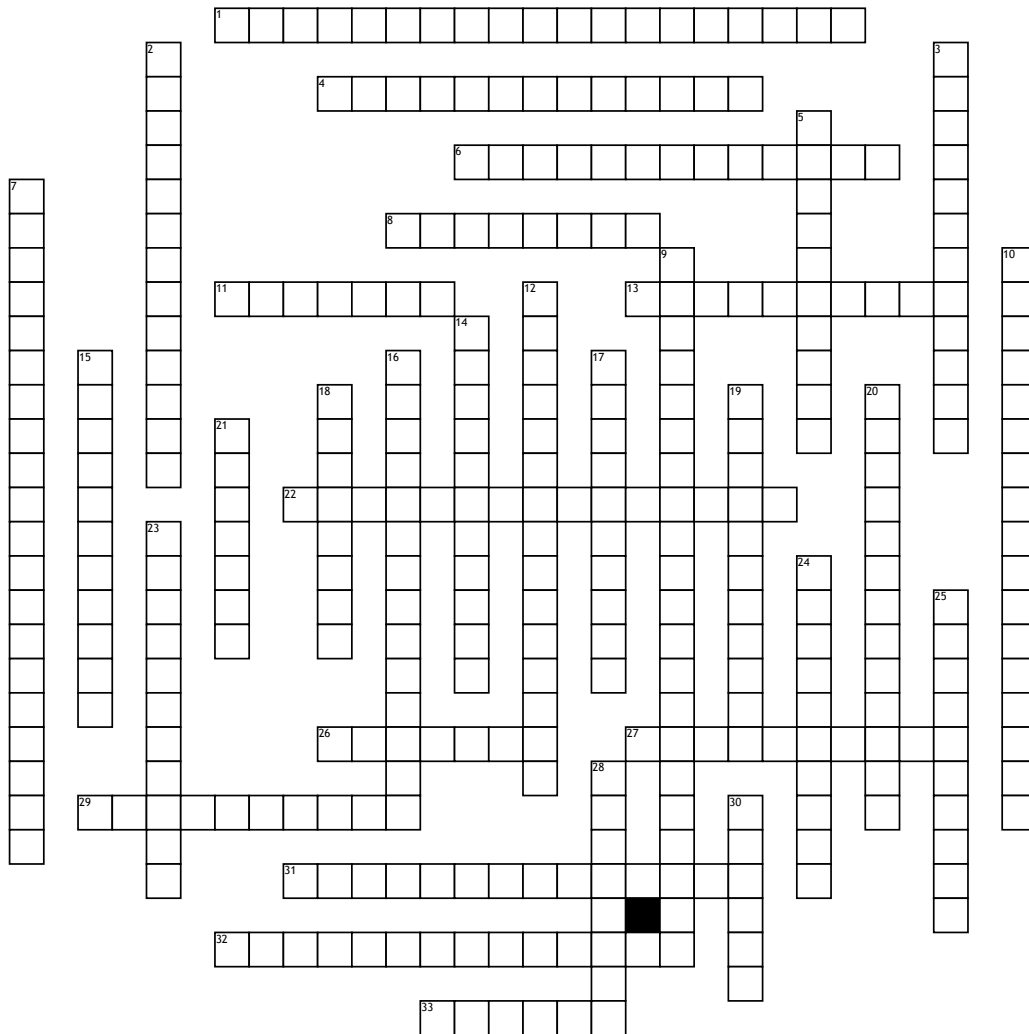


Name: _____

Date: _____

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

32. embryonic cells divide in a spiral arrangement

33. fertilized egg all animals form from

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

exoskeleton
cephalization
integument
cell junctions
sessile
radial cleavage
symmetry

archenteron
germ layers
dipleurula
excretory system
acoelomate
nervous system
indeterminate cleavage

vertebrate
determinate cleavage
protostomes
trochophore
cleavage
coelom
blastopore

Planula
ingestive heterotroph
muscular tissue
zygote
endoskeletons
blastula

budding
spiral cleavage
blastocoel
deutrostomes
pseudocoelomate
circulatory system