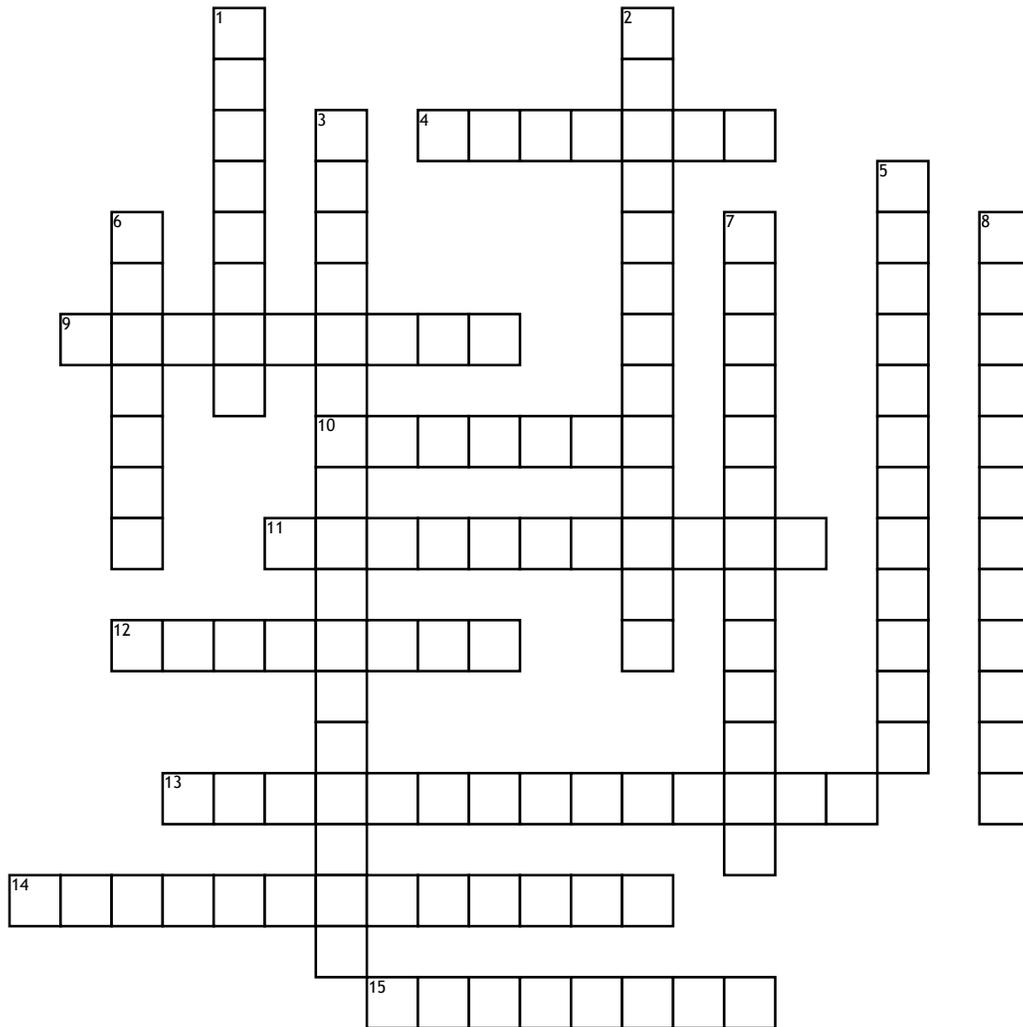


Name: \_\_\_\_\_

# Sponges Crossword Puzzle



## Across

- 4. a large aperture in a sponge through which water is expelled
- 9. water flows into a sponge through cells with pores
- 10. fixed in one place; immobile
- 11. Cells that line the interior of sponges, cells are surrounded by a collar of microvilli
- 12. a phylum of aquatic invertebrate animals that comprises the sponges

13. cells that are found in connective tissue, but are not fixed in place and move around

14. a change of the form or nature of a thing or person into a completely different one

15. eject sperm and egg cells into the water, the larva settles to a suitable location on the bottom and grows into an adult sponge

## Down

1. structural elements found in most sponges. They provide structural support and deter predators

2. feed by straining suspended matter and food particles from water

3. an animal that feeds on material (such as planktonic organisms) suspended in water

5. having parts or aspects that are not equal or equivalent

6. fibrous substance found in the skeleton of many sponges

7. a free-swimming larva in certain sponges

8. an animal lacking a backbone

## Word Bank

- |                 |          |               |                    |
|-----------------|----------|---------------|--------------------|
| amphiblastula   | spongin  | invertebrate  | collar cells       |
| wandering cells | osculum  | asymmetrical  | filter feeders     |
| pore cells      | spicules | spawning      | suspension feeders |
| sessile         | porifera | metamorphosis |                    |