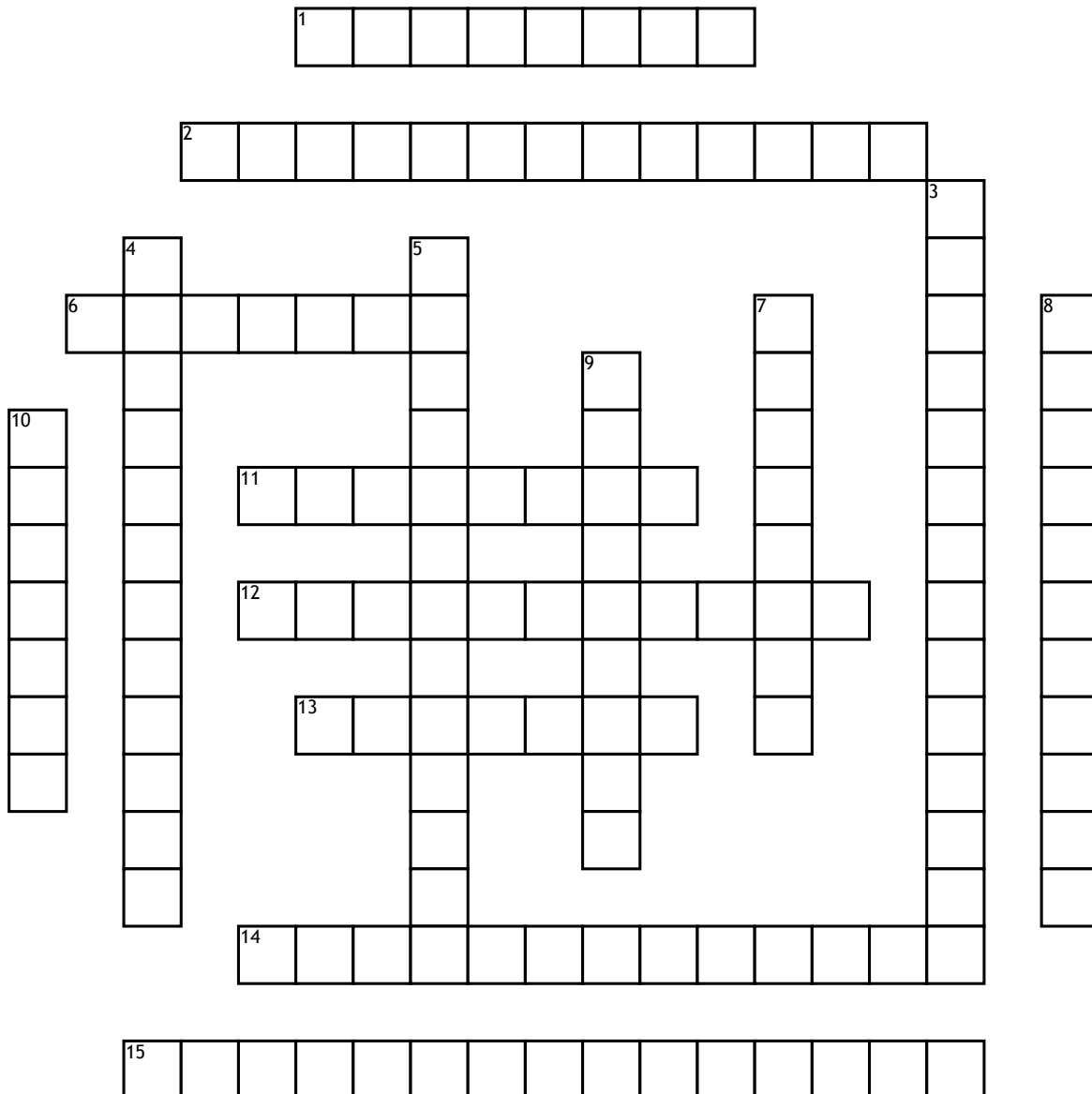


# Marine Animals without a Backbone Vocab



## Across

1. the release of gametes into the water

2. type of suspension feeders that filter the food particles

6. large opening at the top of a sponge where water leaves through

11. an animal's phylum consisting of sponges

12. a flagellated, food trapping cell in sponges

13. to live permanently attached to the bottom or another surface

14. a drastic change from larvae to adult

15. animals that eat food particles suspended in the water

## Down

3. aka amoebocytes which are cells that secrete spicules and spongin, transport and store food particles, and can repair any damage to the sponge by transforming itself to another type of cell

4. lacking symmetry or having parts that fail to correspond to one another

5. poriferan larva in which area of flagellate cells is equal to the area of non flagellate cells

7. transparent siliceous or calcareous supporting structure that can be many different shapes or sizes

8. animals without a backbone

9. aka incurrent cells. what water enters through to get into a sponge

10. elastic fibers made of protein that can help support the sponge