

7. Of what structures and materials are the skeletons of porifera composed?

Complete the table by writing a cell type or structure in sponges that fits each description

Type of Cell or Structure	Description
8.	Aid in reproduction and nutrient transport Help produce spicules
9.	Form the outside surface of body Contract to close pores
10.	Line interior of sponges body Use flagella to draw water through pores
11.	Found in jellylike substances between layers Make up sponges support system

12. Use each of the terms below just once to complete the passage:

External buds, sperm, eggs, hermaphroditic, internal fertilization, larvae, sexual

Sponges sometimes reproduce asexually by forming _____. Being _____, a sponge can also produce both _____ and sperm. During _____ reproduction, _____ from one sponge fertilize the eggs of another. Fertilization can be external, but _____ is more common. Free swimming _____ settle and develop into sessile adults.

13. What is the function of the osculum in a sponge?

14. What roles do amoebocytes play in sponges?