

Spectacular Sponges Trivia KEY

Put an "X" or checkmark in front of all that apply.

1. Sponges are classified as:

- Plants Fungi
 Animals Protists

2. Sponges have complex organs.

- True False

3. Sponges are only found in marine (ocean) ecosystems.

- True False

4. Most sponges contain **spicules** made of calcium carbonate or silica.

- True
 False

5. Sponges are **sessile**, meaning they are stuck in place, during all life stages.

- True
 False

6. Sponges are **hermaphrodites**, organisms with both female and male reproductive systems.

- True
 False

7. Sponges can reassemble themselves if they are broken apart.

- True
 False

8. What roles can sponges play in their ecosystems (places they live)?

Sponges provide habitat, including shelter and food, for other animals. Sponges improve
water quality in coral reefs and other marine and freshwater ecosystems by filtering
water, collecting bacteria, and processing carbon, nitrogen, and phosphorus.

