

Directions: Read the Planaria Article from google classroom. Use the article to answer all of the following questions.

___ 1. What type of symmetry does the dugesia have?

- a) radial b) bilateral c) asymmetry

___ 2. What term is used to describe how a planarian can regrow its body parts?

- a) regeneration b) fission

___ 3. Which of the following is associated with the planarian's nervous system?

- a) flame cells b) ganglia

___ 4. Asexual reproduction can occur through a process called:

- a) transverse fission b) binary fission

___ 5. A hermaphrodite is an animal that:

- a) can asexually reproduce b) can regenerate c) has both male and female parts

___ 6. The dugesia belongs to the phylum:

- a) platyhelminthes b) planaria c) turbellaria

___ 7. How could a person catch a dugesia?

- a) using a net to siphon them from the surface of the water b) using a hook and raw liver to attract them

___ 8. An animal that has no internal body cavity to hold organs is called a(n):

- a) hermaphrodite b) acoelomate

___ 9. How does the dugesia obtain oxygen?

- a) diffusion b) through gills c) with its flame cells

___ 10. The dugesia will tend to stay in what areas?

- a) dark b) light c) warm