






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

## Science Review Test

### Invertebrates Groups: Sponges, Echinoderms, & Worms

		
Sponges	Echinoderms	Worms

#### Multiple choice. [1 point each]

- How are sponges and echinoderms **alike/similar**?
  - They move with tube feet
  - They have two layers of cells
  - They are marine animals
- How do the tube feet of a sea star (starfish) help it to feed?
  - They can digest food
  - They can pull open the shells of clams
  - They can pump water and food into its body
- Which of the following is similar to both planarians and starfish?
  - Having shells
  - Re-growing missing parts
  - Having spiny skin
- How do the body covering of echinoderms help them?
  - It protects them from predators
  - It helps them to regenerate
  - It gives them their shape
- Which group of invertebrates are covered with pores?
  - Echinoderms
  - Sponges
  - Insects
  - Worms
- Which of the following organism belong to the same group as the starfish?
  - conch
  - tube sponge
  - earthworm
  - sea urchin
- Where is the mouth of an echinoderm located?
  - At the center of the underside of the body
  - At the top of the tube feet
  - At both ends of tube-like body
- Which invertebrate group has an external skeleton and are covered with spines?
  - Mollusks
  - Sponges
  - Echinoderms
  - Worms



9. Which invertebrate group below was once harvested by Bahamian fishermen and sold to foreign countries?

- a) Echinoderms
- b) Insects
- c) Sponges
- d) Worms

10. Which type of worm below is beneficial (helpful) to farmers?

- a) hookworms
- b) leech
- c) tapeworms
- d) earthworms

11. Which group of invertebrates are known as "**filter feeder**"?

- a) Echinoderms
- b) Sponges
- c) Crustaceans
- d) Worms

Answer each question.

12. Give the definition of invertebrates? [1 point]

An invertebrate is \_\_\_\_\_.

13. Give **two (2)** characteristics of **flatworms**.

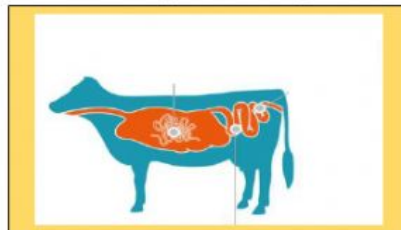
i. \_\_\_\_\_ [1 point]

ii. \_\_\_\_\_ [2 points]

14. A tapeworm was found in the body of a cow. Identify which organism is the:

a) host = \_\_\_\_\_ [1]

b) parasite = \_\_\_\_\_ [1]



15. What organ helps echinoderms to get oxygen from the sea water? [1 point]

\_\_\_\_\_

16. Give **two (2)** ways in which a roundworm can enter a human's body.

i. \_\_\_\_\_ [1 point]

ii. \_\_\_\_\_ [1 point]

17. Give **two (2)** ways in which human beings can prevent themselves from being infected by worms.

i. \_\_\_\_\_ [1 point]

ii. \_\_\_\_\_ [1 point]



18. Give the NAME of **one (1)** helpful and **one (1)** harmful worm.

i. Helpful = \_\_\_\_\_ [1 point]

ii. Harmful = \_\_\_\_\_ [1 point]

19. Most adult echinoderms have radial symmetry. Give the meaning of the term “radial symmetry”. [1 point]

\_\_\_\_\_

20. What is a parasite? [1 point]

\_\_\_\_\_

21. A) What is asexual reproduction? [1 point]

\_\_\_\_\_

B) Give one (1) benefit of asexual reproduction for sponges. [1 point]

\_\_\_\_\_

## 22. Worm Groups

Drag the name of the worm group to the box above the picture of the worm to label the group that worm belongs in. [1 point each]

**Round Worms**

**Flat Worms**

**Segmented Worms**

		
Tapeworm	Earthworm	Hookworm