

Kingdom Animalia Question Guide

- What are the 4 main characteristics of animals?
- What types of tissues do animals have? Briefly describe each.
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- Fill out the table below.

Category	Percentage of Species	Description	Examples
		Animals without backbones	
		Animals with backbones	

- What are the 7 ESSENTIAL FUNCTIONS animals carry out?

1.	5.
2.	6.
3.	7.
4.	

- Complete the table about types of feeders.

Type of feeder	Description
	Feeds on plants
Carnivore	
Omnivore	
Filter Feeder	
	Feeds on decaying plant and animal material

- What does an animal do when it respire?
- What function does the circulatory system play?
- What does the excretion system do?
- What cells do animals use to respond to the environment? _____

10. What does motile mean?

11. What type of reproduction do most animals use? Why?

12. What is an advantage of asexual reproduction?

13. Complex animals have 4 characteristics in common. What are they?

14. What is a zygote?

15. After a zygote undergoes a series of divisions, what forms? _____

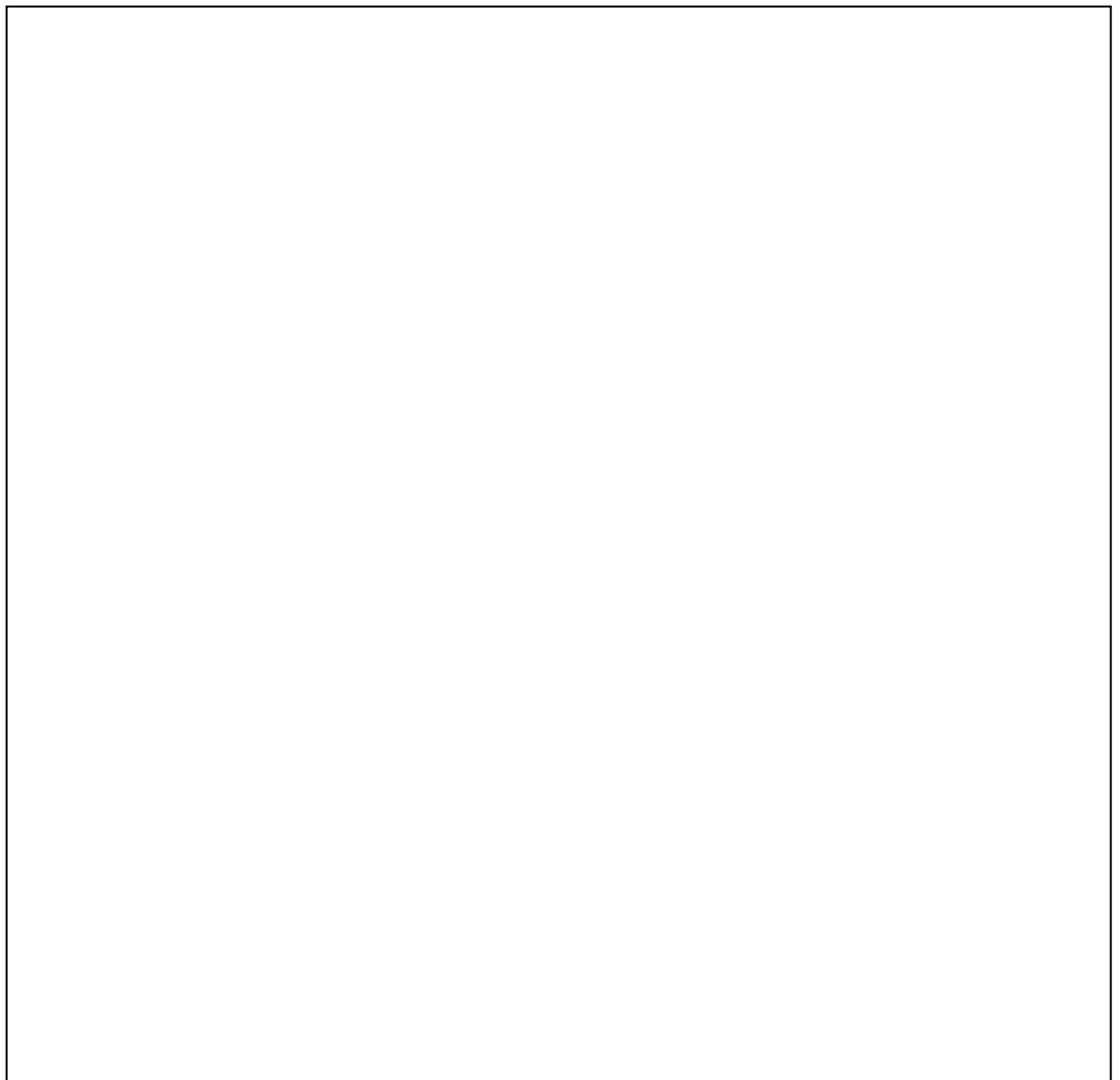
16. Below, illustrate a cross-section of a blastula.

17. On the left, draw and label a **protostome** developing. Make sure to label the germ layer types and where the blastopore is.

18. Define protostome.

19. On the right, draw and label a **deuterostome** developing.

20. Define deuterostome.



21. Complete the following table about germ layers.

Germ Layer	Location	Develops into these body structures
	Innermost layer	
	Middle layer	
	Outermost layer	

22. Complete the following table about body symmetry.

Type of Symmetry	Description	Examples
	Body parts that repeat around the center	
	A single plane divides the body into two equal halves	

23. Match the following term with its meaning.

_____ Anterior	A Upper side
_____ Posterior	B Back end
_____ Dorsal	C Front end
_____ Ventral	D Lower side

24. What is segmentation?

25. What is cephalization?

26. What is a body cavity and what is its purpose?