



Name _____ Class _____ Date _____

1 Which species does not belong within the **Phylum Chordata**?

A humans
B lizard
C jellyfish
D whales

2 A **fish** is an organism that is _____.

A an endothermic invertebrate with fins and lives in the water
B an endothermic vertebrate with legs and lives on land
C an ectothermic vertebrate with fins and lives in the water
D an ectothermic invertebrate with legs and lives on land

3 A **notochord** is a rod that is flexible and supports an organism's backbone.

Why is a notochord helpful to **chordates**?

A It brings information to the body and brain.
B It allows the organism to stand up.

4 In a **reptile**, the **nerve cord** is called the _____.

A backbone
B notochord
C spinal cord
D cartilage

5

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7

A simple _____

C exoskeleton
D endoskeleton

A it protects the animal against predators.
B It allows organisms to molt.
C It grows as the organism grows.
D It changes shape.

9 How much **internal heat** does an organism produce if they are considered to be **ectotherms**?

A none
B a small amount
C a large amount
D enough to heat the environment outside the body

10 Why does a **lizard** lay in the **sun**?

A to get a tan
B to hide from their prey
C to lower its body temperature
D to increase its body temperature



ANSWER KEY

Which species does **not** belong within the **Phylum Chordata**?

- A humans
- B lizard
- C jellyfish
- D whales



(C)

A **fish** is an organism that is _____.

- A an endothermic invertebrate with fins and lives in the water
- B an endothermic vertebrate with legs and lives on land
- C an ectothermic vertebrate with fins and lives in the water
- D an ectothermic invertebrate with legs and lives on land

(C)

A **notochord** is a rod that is flexible and supports an organism's backbone.

Why is a notochord helpful to **chordates**?

- A It brings information to the body and brain.
- B It allows the organism to stand up.
- C It creates brain tissue.

(d)

In a **reptile**, the **nerve cord** is called the _____.

- A backbone
- B notochord
- C spinal cord
- D cartilage



(C)



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D endoskeleton

- B It allows organisms to molt.
- C It grows as the organism grows.
- D It changes shape.

How much **internal heat** does an organism produce if they are considered to be **ectotherms**?

- A none
- B a small amount
- C a large amount
- D enough to heat the environment outside the body



(b)

Why does a **lizard** lay in the **sun**?

- A to get a tan
- B to hide from their prey
- C to lower its body temperature
- D to increase its body temperature



(d)