

## Sharks vs. Dolphins



Sharks and dolphins are two remarkable creatures that inhabit the ocean. Although they share some similarities, they also differ in some ways.

To begin with, sharks are fish while dolphins are mammals. Whereas sharks are considered to be primitive and only possess basic survival instincts, dolphins are known to be highly intelligent mammals. In addition, sharks are often perceived as dangerous and aggressive predators, while dolphins are friendly and playful creatures. Another difference is that dolphins are sociable and live in groups, whereas sharks are solitary creatures.

Both sharks and dolphins have distinct physical features that distinguish them from one another. Sharks have sharp teeth which they use to hunt prey, while dolphins have powerful jaws that they use to catch fish. Sharks have streamlined body that enables them to swim at high speeds, while dolphins have dorsal fins that they use for balance and steering. It is also worth noting that dolphins are warm-blooded, whereas sharks are cold-blooded.

Finally, sharks and dolphins inhabit different areas of the ocean. Sharks are found in all the world's oceans, from the tropics to the Arctic. They can live in shallow and deep waters, and some species even venture into freshwater. In contrast, dolphins are more commonly found in warm, coastal waters. They tend to swim in shallower waters, and some species can also be found in rivers and estuaries.



- Which of the following is not a similarity between sharks and dolphins?
  - They are both predators
  - They have unique physical features
  - They are both cold-blooded
  - They are both found in the ocean
- What is a distinctive physical characteristic of dolphins?
  - Sharp teeth
  - Cold-blooded
  - Dorsal fin
  - Streamlined body

True or False

- Dolphins are known for their sociable nature.
- Sharks and dolphins both have streamlined bodies.

- Which of the following is a key difference between sharks and dolphins?
  - Sharks have sharp teeth while dolphins have powerful jaws
  - Both are solitary creatures
  - Both are warm-blooded
  - They both have streamlined bodies
- Which of the following is a true statement about sharks?
  - They are known for their sociable nature
  - They are warm-blooded
  - They can be found in freshwater
  - They are considered primitive and have basic survival instincts

Prepare to discuss

- What are some characteristics of sharks and dolphins that help them each survive in their environments?

## Lions vs. Tigers



Lion

Lions and tigers are both large, powerful predators that are adept at hunting. While they share some similarities, there are also key differences between them that affect their hunting abilities.

One major advantage that lions have over tigers is their social nature. Lions live in prides, which are groups consisting of multiple adult females and their cubs, as well as a few adult males. This allows them to work together to take down larger prey such as zebras and wildebeests. In contrast, tigers are solitary animals, and they must rely solely on their own hunting skills to survive. However, tigers are generally faster and more agile than lions, which makes them better suited for hunting smaller, faster prey such as deer and antelopes.

Another key difference between lions and tigers is their preferred hunting technique. Lions are ambush predators that rely on stealth and surprise to catch their prey. They often hide in tall grass or behind rocks, waiting for the right moment to strike. Tigers, on the other hand, are more likely to chase their prey over longer distances, using their speed and agility to catch them. This makes tigers better suited for open habitats such as grasslands and forests, while lions are more at home in savannas and other areas with tall vegetation.



Tiger

- What is a key difference between lions and tigers?
  - Tigers are more social
  - Lions are faster and more agile
  - Tigers are solitary animals
  - Lions live in prides
- In what way are lions and tigers similar?
  - They are both ambush predators
  - They both prefer open habitats
  - They are both solitary animals
  - They are both social animals
- What hunting technique do tigers prefer?
  - Ambush
  - Chase
  - Both
  - None of the above
- What is a key difference between the habitats preferred by lions and tigers?
  - Tigers prefer tall vegetation
  - Lions prefer open habitats
  - Tigers prefer savannas
  - Lions prefer forests

True or False:

- Tigers are faster and more agile than lions.
- Lions and tigers are both social animals.

Discussion question:

- How do environmental factors, such as climate and food availability, influence the hunting abilities and survival of both lions and tigers?

## Toads vs. Frogs

Toads and frogs are both amphibians, which means that they spend their early lives in water and later on land. However, there are some differences between the two. Toads tend to have dry, warty skin and are typically found in drier habitats such as deserts, while frogs have smoother skin and prefer moist environments like forests and wetlands. Toads are also more likely to burrow in the ground, while frogs prefer to hop and jump.



Toad

Both toads and frogs are carnivores and eat insects, spiders, and other small animals. They both lay their eggs in water, where they hatch into tadpoles that grow and develop into adult amphibians. Toads and frogs also have powerful legs that they use to jump and swim, and both have eyes on the top of their heads that allow them to see in all directions. However, frogs tend to have longer legs than toads, which makes them better at leaping and jumping.



Frog

Toads and frogs also have different behaviors. Toads are generally slower and less active than frogs, preferring to stay in one spot for long periods of time. They also have the ability to puff up their bodies to make themselves appear larger to predators. Frogs, on the other hand, are more energetic and are often seen jumping and leaping around. They have long, sticky tongues that they use to catch insects and other prey, and they are known for their

distinctive calls, which they use to communicate with other frogs.

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| <p>1. What is the difference between toads and frogs?</p> <p>A. Toads have smoother skin than frogs.</p> <p>B. Toads prefer moist environments like forests.</p> <p>C. Frogs have warty skin.</p> <p>D. Toads tend to have dry, warty skin.</p> | <p>4. What is the same between toads and frogs?</p> <p>A. They are both carnivores.</p> <p>B. They both lay their eggs in water.</p> <p>C. They have eyes on the top of their heads.</p> <p>D. They both prefer drier habitats.</p> |
| <p>2. Toads prefer moist environments like forests.</p> <p>A. True</p> <p>B. False</p>  | <p>5. Frogs have longer legs than toads.</p> <p>A. True</p> <p>B. False</p>   |
| <p>3. Both toads and frogs have eyes on the top of their heads.</p> <p>A. True</p> <p>B. False</p>  | <p>6. What is one more difference or similarity between frogs and toads?</p>  |