





1 **Which of the following is a nonvascular plant?**

- A Rose bush
- B Pine tree
- C Turfgrass
- D Green algae

2 **Click on all the statements that are true, or examples of vascular plants.**

<input type="checkbox"/> They do not have tissues that transport water and food.
<input type="checkbox"/> They have special tissues that transport water and food.
<input type="checkbox"/> Dogwood Tree
<input type="checkbox"/> Moss or Liverworts

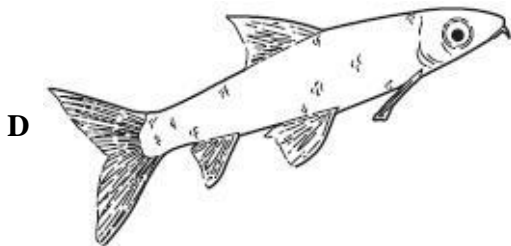
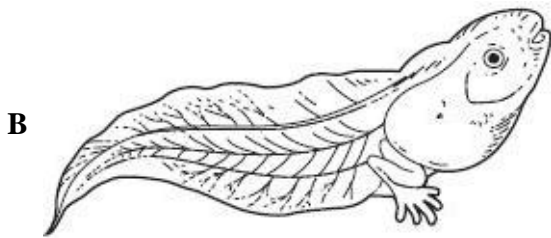
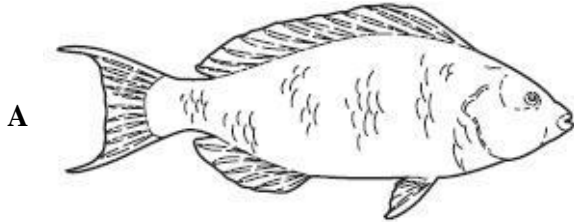
3 **Classify the organisms!**

			
<u>Nonvascular</u>	<u>Vascular</u>	<u>Vertebrate</u>	<u>Invertebrate</u>

4 **Moss is *best* classified as —**

- A a type of mold
- B a nonvascular plant
- C a species of fungus
- D an evergreen plant

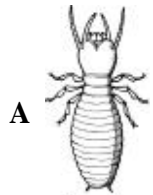
5 **Which of these animals is an invertebrate?**



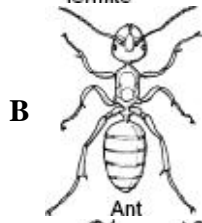
Insect and Arachnid Identification

Animal Type	Insect	Arachnid
Body parts	3	2
Pairs of legs	3	4
Antennae	Yes	No

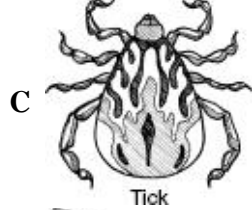
According to the table, which animal is an arachnid?



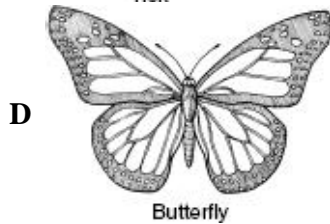
Termite



Ant









Tick









Butterfly

7 In which chart are all the organisms sorted correctly?







A

Vertebrates	Invertebrates
	
	
	







B

Vertebrates	Invertebrates
	
	
	

C

Vertebrates	Invertebrates
	
	
	

D

Vertebrates	Invertebrates
	
	
	

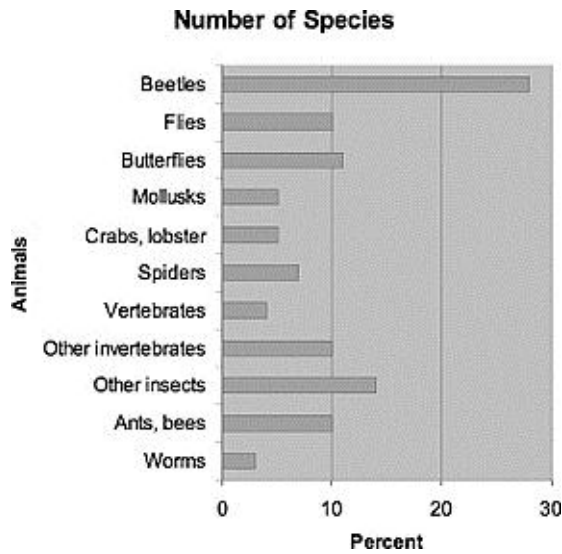
8

Comparing Vertebrates					
	Fish	Amphibians	Reptiles	Birds	Mammals
Heart chambers	2	3	3 or 4	4	4
Covering on skin	Scales	None	Scales or plates	Feathers	Hair
Temperature regulation	Cold-blooded	Cold-blooded	Mostly cold-blooded	Warm-blooded	Warm-blooded
Environment for reproduction	Water	Water	Land	Land	Land
Embryo development	Jellylike eggs	Jellylike eggs	Leathery eggs	Hard shelled eggs	Mostly in mother's body

How are amphibians and reptiles alike?

- A They both have protective scales on their skin.
- B They both reproduce with jellylike eggs.
- C They both may have 3 heart chambers.
- D They both live in water environments.

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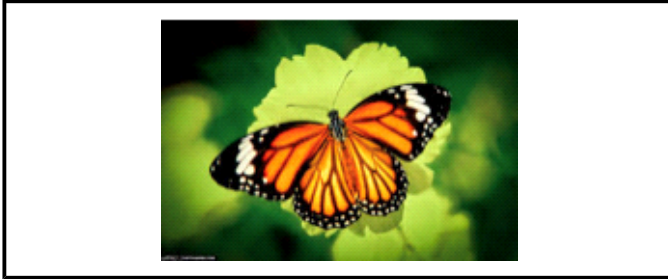


Which animal species is most common from the choices below?

- A Vertebrates
- B Mollusks
- C Worms
- D Butterflies

10 Directions: Click on each correct answer choice. You must choose all correct answers. .

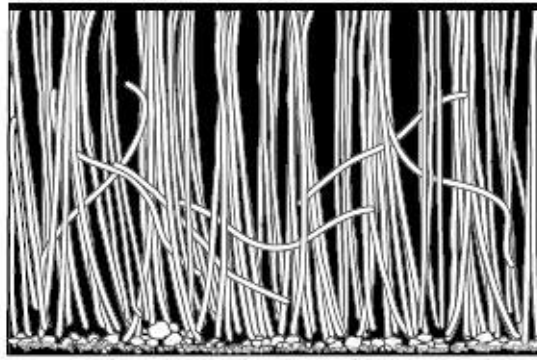
The local zoo contains both vertebrates and invertebrates. Which of the animals below are invertebrates?



11 **Some fish have a streamlined body shape that allows them to move swiftly in the water. Which of these fish is probably the fastest?**



12



Baleen

Blue whales have no teeth. Instead, they have rows of bristled strands that look like a broom, called baleen, which filters their food. Which sea creatures are their *most* common food?

- A Dolphin and porpoise
- B Small fish and shrimp-sized krill
- C Seal and shark
- D Turtle and penguin

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How does a deer use its antlers to help it survive?

- A For carrying small young
- B For making noises to scare away enemies
- C For tearing meat into edible pieces
- D For protection against predators

14 Why do animals in the desert burrow underground during the day and become active at night?

- A To avoid the excessive heat and sunlight of the day
- B To obtain needed water underground
- C To find food that is only available at night
- D To ensure they protect their den during the day

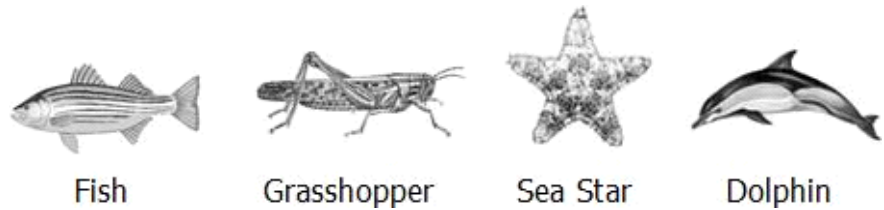
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Animal Adaptations		
Picture 1 	Picture 2 	Picture 3 
Picture 4 	Picture 5 	Picture 6 

Which picture from the Animal Adaptations table shows a bird beak that is adapted for tearing meat?

- A Picture 6
- B Picture 4
- C Picture 5
- D Picture 3

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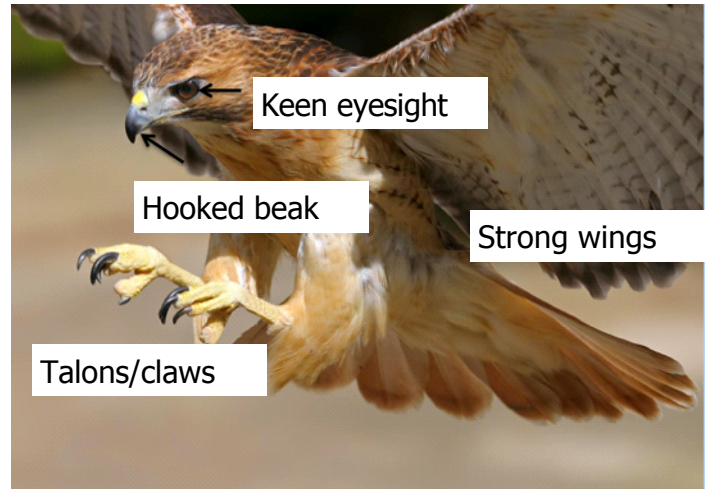


Which animal can only survive on land?

- A Dolphin
- B Grasshopper
- C Fish
- D Sea Star

17 Directions: Click and drag the structural adaptations to the correct box.

Label the hawk's structural adaptations that allow it to survive in its environment.



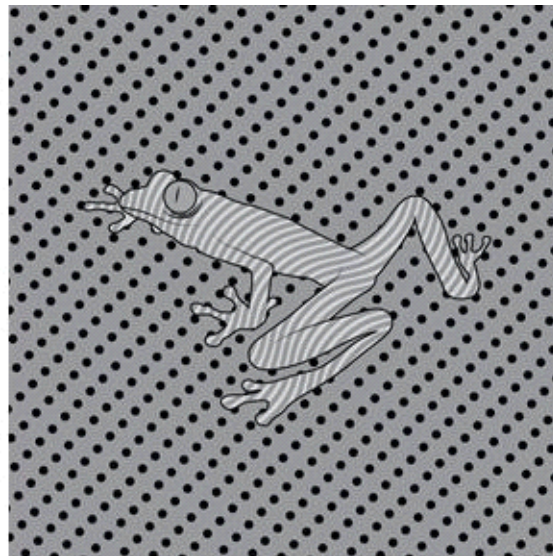
18 **What is an adaptation that would help an organism live in a really cold climate?**

- A The call of a caribou
- B The fur color of a buffalo
- C The thick blubber of polar bears
- D The migration of many birds south during the winter

19



Frog 1



Frog 2

Why is Frog 1 more likely to survive than Frog 2?

- A Frog 1 can jump higher.
- B Frog 1 has better eyesight.
- C Frog 1 can camouflage with its environment.
- D Frog 1 has longer legs.

- 20 **Pine trees are adapted to conserve water in the winter because —**
- A they have needle-like leaves with a waxy coating
 - B they have large, colorful leaves
 - C they produce large fruits
 - D their leaves smell bad and animals will not eat them
- 21 **More than 95 percent of all animal species are grouped in the category called —**
- A invertebrates
 - B vertebrates
 - C vascular
 - D nonvascular
- 22 **Ferns and mosses are members of what kingdom?**
- A Protist
 - B Fungi
 - C Animals
 - D Plants

23



What is NOT helping the plant survive?

- A Roots
- B Stem
- C Pot
- D Leaves

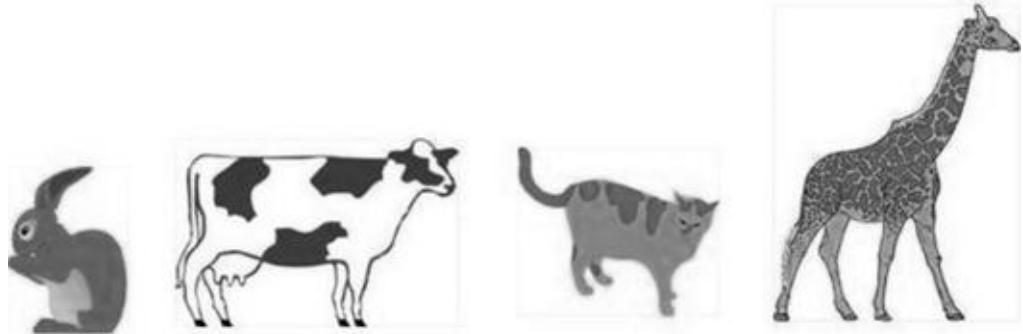
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Forest Type	Plant	Animal	Temperature	Fact
Coniferous	Pine tree	Moose	20° F	Cold all year
Temperate	Oak tree	Squirrel	60° F	Seasons change
Temperate	Maple tree	Raccoon	70° F	Seasons change
Rain Forest	Kapok tree	Monkey	100° F	Rainy and hot

Which mammal needs the thickest fur to adapt to its winter environment?

- A Squirrel
- B Moose
- C Monkey
- D Raccoon

25



Which animal is best adapted for eating leaves from tree branches?

- A Giraffe
- B Cow
- C Rabbit
- D Cat