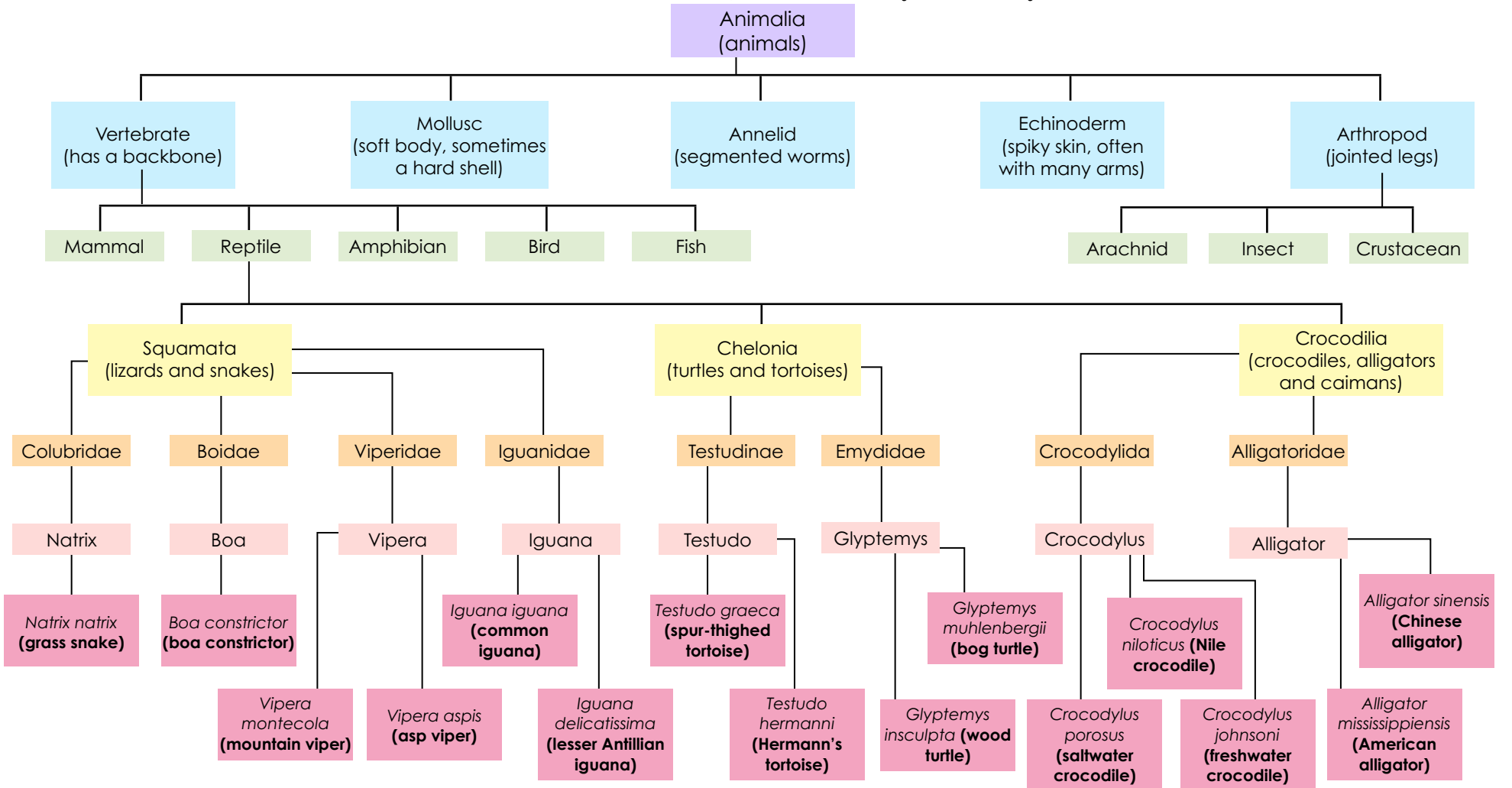


# Animal Classification System - Examples of Reptiles



grass snake



boa constrictor



common iguana



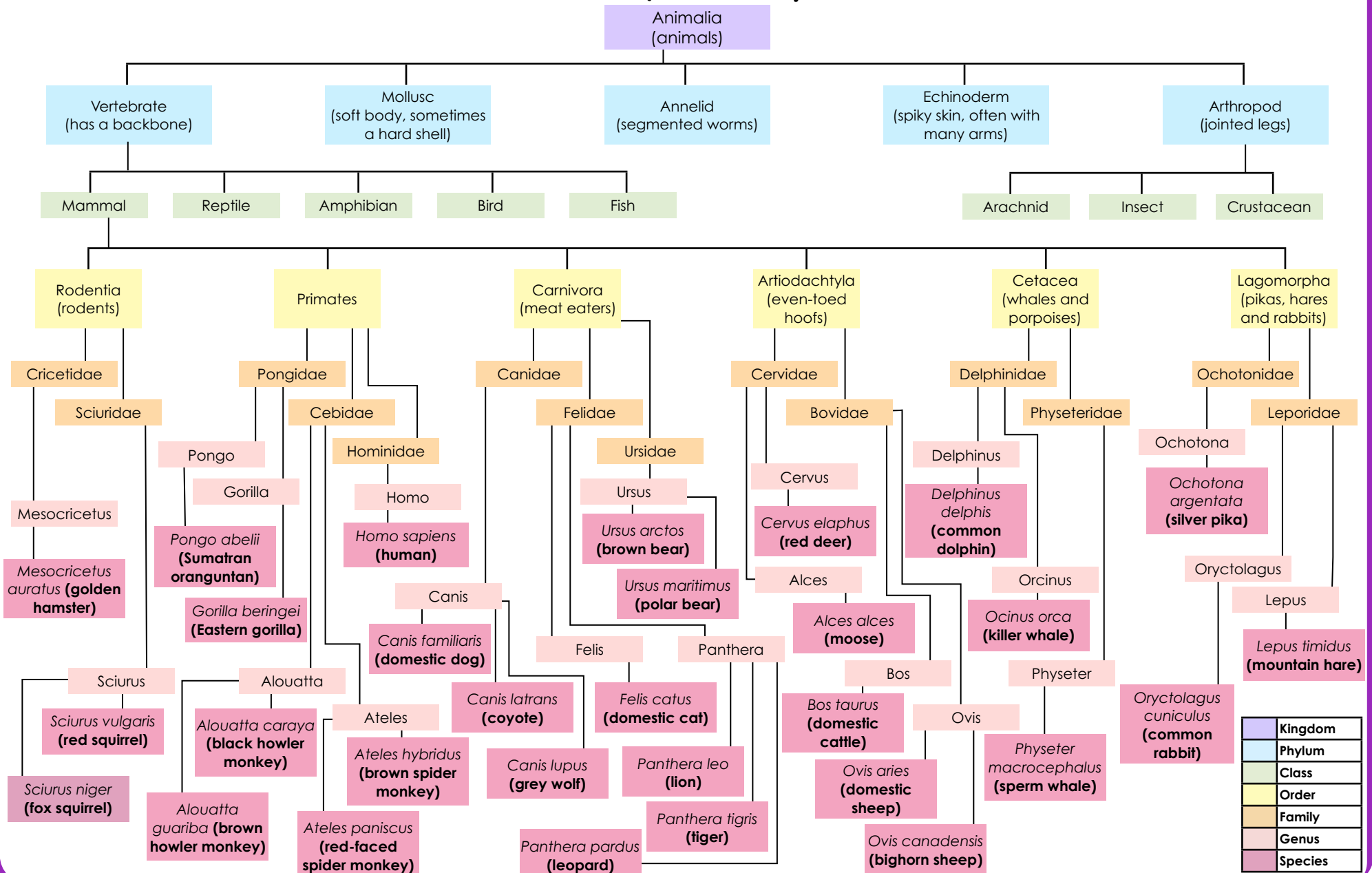
bog turtle



saltwater crocodile

	Kingdom
	Phylum
	Class
	Order
	Family
	Genus
	Species

# Animal Classification System - Examples of Mammals



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



Have a close look at the classification key showing just a tiny number of the thousands of species of reptiles. Use the information to help you answer these questions.

What order of reptiles do tortoises belong to?	What order of reptiles do lizards belong to?	What order of reptiles do alligators belong to?	Name one species in the genus 'Vipera':
Name one species in the genus 'Testudo':	What is different between the 'Crocodylus porosus' and the 'Crocodylus johnsoni'?	Which genus does the grass snake belong to?	

Now see if you can complete the table for each of these animals to show their genus, family, order, class, phylum and kingdom.



Kingdom	
Phylum	
Class	
Order	
Family	
Genus	
Species	Glyptemys insculpta (wood turtle)

Kingdom	
Phylum	
Class	
Order	
Family	
Genus	
Species	Natrix natrix (grass snake)

Kingdom	
Phylum	
Class	
Order	
Family	
Genus	
Species	Crocodylus niloticus (Nile crocodile)

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



Have a close look at the classification key showing just a tiny number of the thousands of species of mammals. Use the information to help you answer these questions.

What order of mammals do whales belong to?	What order of mammals do sheep belong to?	What family of animals do bears belong to?	What family of animals do dogs belong to?
Name one species of the genus 'Panthera':	What kind of animals belong to the family 'Canidae'?	What kind of animals belong to the family 'Leporidae'?	Name a species of the genus 'Sciurus':

Now see if you can complete the table for each of these animals to show their genus, family, order, class, phylum and kingdom.



Kingdom	
Phylum	
Class	
Order	
Family	
Genus	
Species	Canis lupis (grey wolf)

Kingdom	
Phylum	
Class	
Order	
Family	
Genus	
Species	Ocinus orca (killer whale)

Kingdom	
Phylum	
Class	
Order	
Family	
Genus	
Species	Pongo abelii (Sumatran orangutan)

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



Have a close look at the classification key showing just a tiny number of the thousands of species of mammals. Use the information to help you answer these questions.

What order of mammals do whales belong to?

What order of mammals do sheep belong to?

What family of animals do bears belong to?

What family of animals do dogs belong to?

Name one species of the genus 'Panthera':

What kind of animals belong to the family 'Canidae'?

What kind of animals belong to the family 'Leporidae'?

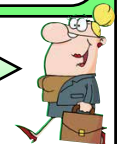
Name a species of the genus 'Sciurus':

In which family of animal would you expect to find jaguars? Why?

In which family of animal would you expect to find European rabbits? Why?

What would you say is the main difference between animals in the family 'Pongo' and 'Gorilla'?

Now choose two animals and complete one of the tables below for each one.

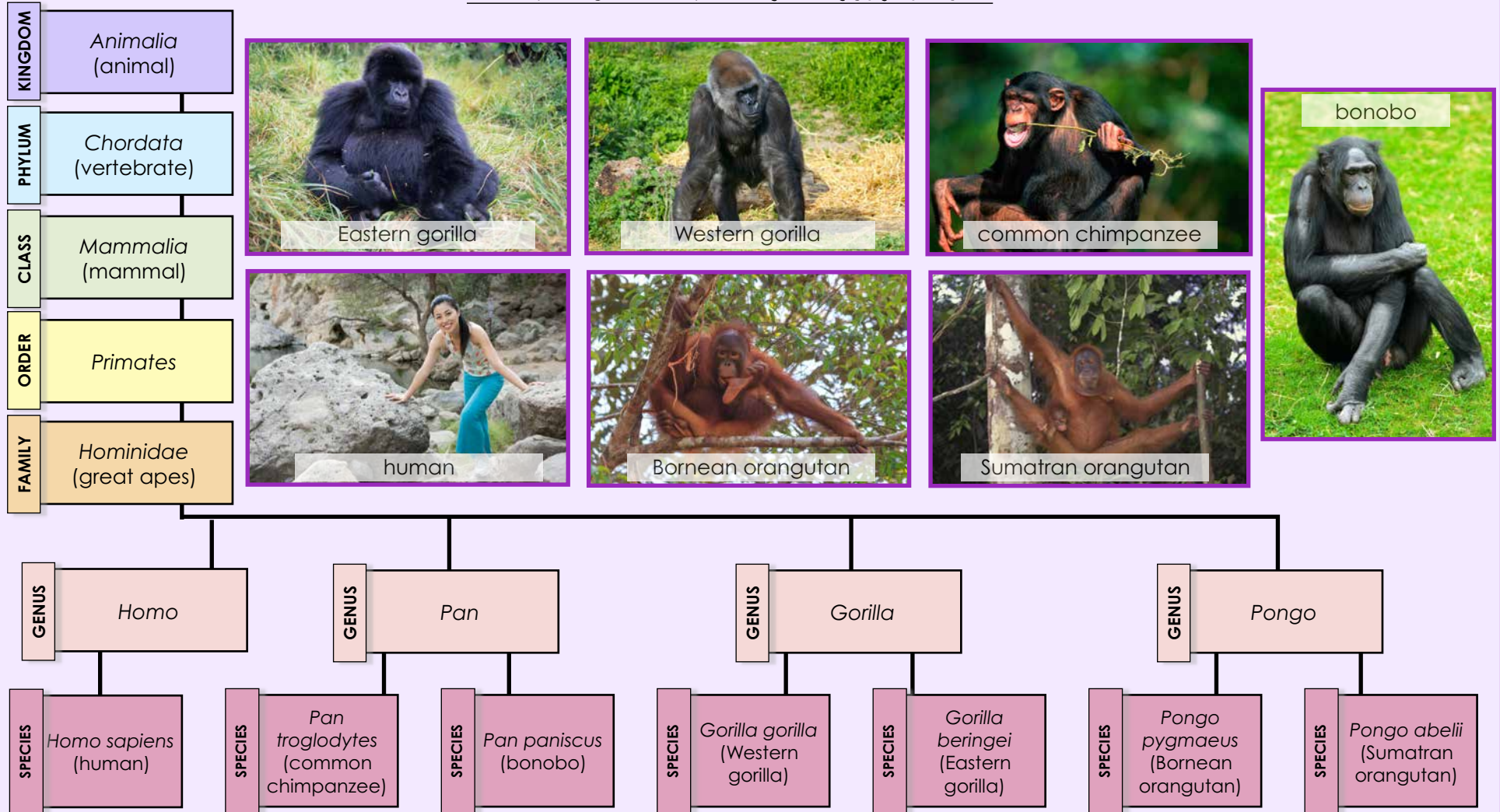


How would you explain the similarities and differences between the genera 'Cervus' and 'Alces'?

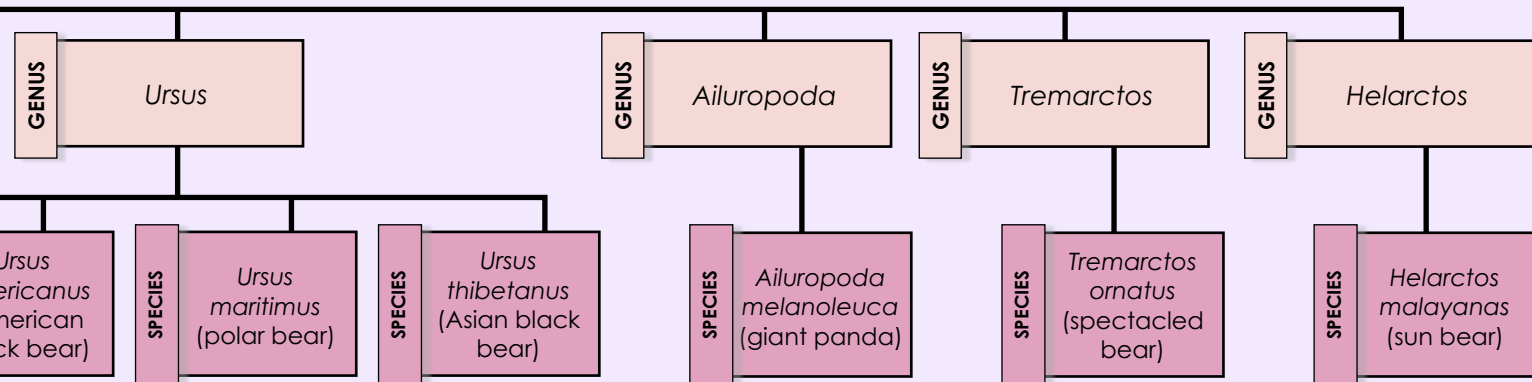
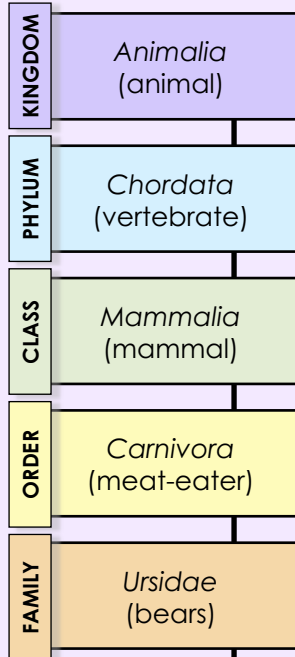
Kingdom	
Phylum	
Class	
Order	
Family	
Genus	
Species	

Kingdom	
Phylum	
Class	
Order	
Family	
Genus	
Species	

# GREAT APES: Hominidae



# BEARS: Ursidae



What features do each species of the family have in common?

How are the genera within the family different from each other?

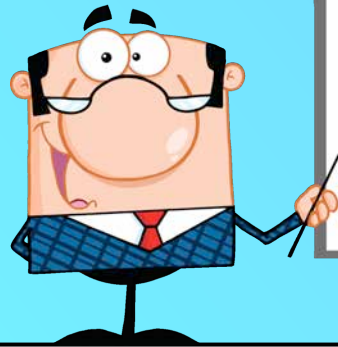
How are species within the same genus different from each other?

Which other animals would belong to the same order as this family?

Why is it helpful to split this family into genera and species?

What other animals might be close to this family in the classification system?





Write a report on a family of animals.

*In your report you should include:*

- details of where your family is in the classification system (the kingdom, phylum, class, order, family, genus and species)
- a description of what the species within the family have in common
- a description of how the species within the family are different from each other
- pictures and/or labelled diagrams of examples of species within the family
- an explanation of why it is important to group species within the classification system

**Good luck!**



Write a report on a family of animals.

*In your report you should include:*

- details of where your family is in the classification system (the kingdom, phylum, class, order, family, genus and species)
- a description of what the species within the family have in common
- a description of how the species within the family are different from each other
- pictures and/or labelled diagrams of examples of species within the family
- an explanation of why it is important to group species within the classification system

**Good luck!**

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



Have a close look at the classification key showing just a tiny number of the thousands of species of reptiles. Use the information to help you answer these questions.

<p>What order of reptiles do tortoises belong to?</p> <p><b>Chelonia</b></p>	<p>What order of reptiles do lizards belong to?</p> <p><b>Squamata</b></p>	<p>What order of reptiles do alligators belong to?</p> <p><b>Crocodylia</b></p>	<p>Name one species in the genus 'Vipera':</p> <p><b>Mountain or ash viper</b></p>
<p>Name one species in the genus 'Testudo':</p> <p><b>Spur-thighed or Hermann's tortoise</b></p>	<p>What is different between the 'Crocodylus porosus' and the 'Crocodylus johnsoni'?</p> <p><b>Crocodylus porosus lives in salt water and crocodylus johnsoni lives in fresh water</b></p>		<p>Which genus does the grass snake belong to?</p> <p><b>Natrix</b></p>

Now see if you can complete the table for each of these animals to show their genus, family, order, class, phylum and kingdom.



Kingdom	<b>Animalia</b>
Phylum	<b>Vertebrate</b>
Class	<b>Reptile</b>
Order	<b>Chelonia</b>
Family	<b>Emydidae</b>
Genus	<b>Glyptemys</b>
Species	Glyptemys insculpta (wood turtle)

Kingdom	<b>Animalia</b>
Phylum	<b>Vertebrate</b>
Class	<b>Reptile</b>
Order	<b>Squamata</b>
Family	<b>Colubridae</b>
Genus	<b>Natrix</b>
Species	Natrix natrix (grass snake)

Kingdom	<b>Animalia</b>
Phylum	<b>Vertebrate</b>
Class	<b>Reptile</b>
Order	<b>Crocodylia</b>
Family	<b>Crocodylida</b>
Genus	<b>Crocodylus</b>
Species	Crocodylus niloticus (Nile crocodile)

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



Have a close look at the classification key showing just a tiny number of the thousands of species of mammals. Use the information to help you answer these questions.

<p>What order of mammals do whales belong to?</p> <p><b>Cetacea</b></p>	<p>What order of mammals do sheep belong to?</p> <p><b>Artiodachtyla</b></p>	<p>What family of animals do bears belong to?</p> <p><b>Ursidae</b></p>	<p>What family of animals do dogs belong to?</p> <p><b>Canidae</b></p>
<p>Name one species of the genus 'Panthera':</p> <p><b>Domestic cat, lion or tiger</b></p>	<p>What kind of animals belong to the family 'Canidae'?</p> <p><b>Dogs, coyotes and wolves</b></p>	<p>What kind of animals belong to the family 'Leporidae'?</p> <p><b>Rabbits and hares</b></p>	<p>Name a species of the genus 'Sciurus':</p> <p><b>Red or fox squirrel</b></p>



Now see if you can complete the table for each of these animals to show their genus, family, order, class, phylum and kingdom.

Kingdom	<b>Animalia</b>
Phylum	<b>Vertebrate</b>
Class	<b>Mammal</b>
Order	<b>Carnivora</b>
Family	<b>Canidae</b>
Genus	<b>Canis</b>
Species	Canis lupis (grey wolf)

Kingdom	<b>Animalia</b>
Phylum	<b>Vertebrate</b>
Class	<b>Mammal</b>
Order	<b>Cetacea</b>
Family	<b>Delphinidae</b>
Genus	<b>Orcinus</b>
Species	Ocinus orca (killer whale)

Kingdom	<b>Animalia</b>
Phylum	<b>Vertebrate</b>
Class	<b>Mammal</b>
Order	<b>Primates</b>
Family	<b>Pongidae</b>
Genus	<b>Pongo</b>
Species	Pongo abelii (Sumatran orangutan)

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



Have a close look at the classification key showing just a tiny number of the thousands of species of mammals. Use the information to help you answer these questions.

What order of mammals do whales belong to?

**Cetacea**

What order of mammals do sheep belong to?

**Artiodactyla**

What family of animals do bears belong to?

**Ursidae**

What family of animals do dogs belong to?

**Canidae**

Name one species of the genus 'Panthera':

**Domestic cat, lion or tiger**

What kind of animals belong to the family 'Canidae'?

**Dogs, coyotes and wolves**

What kind of animals belong to the family 'Leporidae'?

**Rabbits and hares**

Name a species of the genus 'Sciurus':

**Red or fox squirrel**

In which family of animal would you expect to find jaguars? Why?

**e.g. Felidae because they are cats, like lions and tigers.**

In which family of animal would you expect to find European rabbits? Why?

**e.g. Leporidae because it is similar to a common rabbit or mountain hare.**

What would you say is the main difference between animals in the family 'Pongo' and 'Gorilla'?

**Accept any reasonable answer**

How would you explain the similarities and differences between the genera 'Cervus' and 'Alces'?

**Accept any reasonable answer**

Now choose two animals and complete one of the tables below for each one.



Kingdom	
Phylum	
Class	
Order	
Family	
Genus	
Species	

Kingdom	
Phylum	
Class	
Order	
Family	
Genus	
Species	