

THE CLASSIFIED TAXONOMOFE

(Opportunity for Excellence)

Name:

Due:

Is studying Taxonomy and Classification a waste of your time? Explain yourself. _____

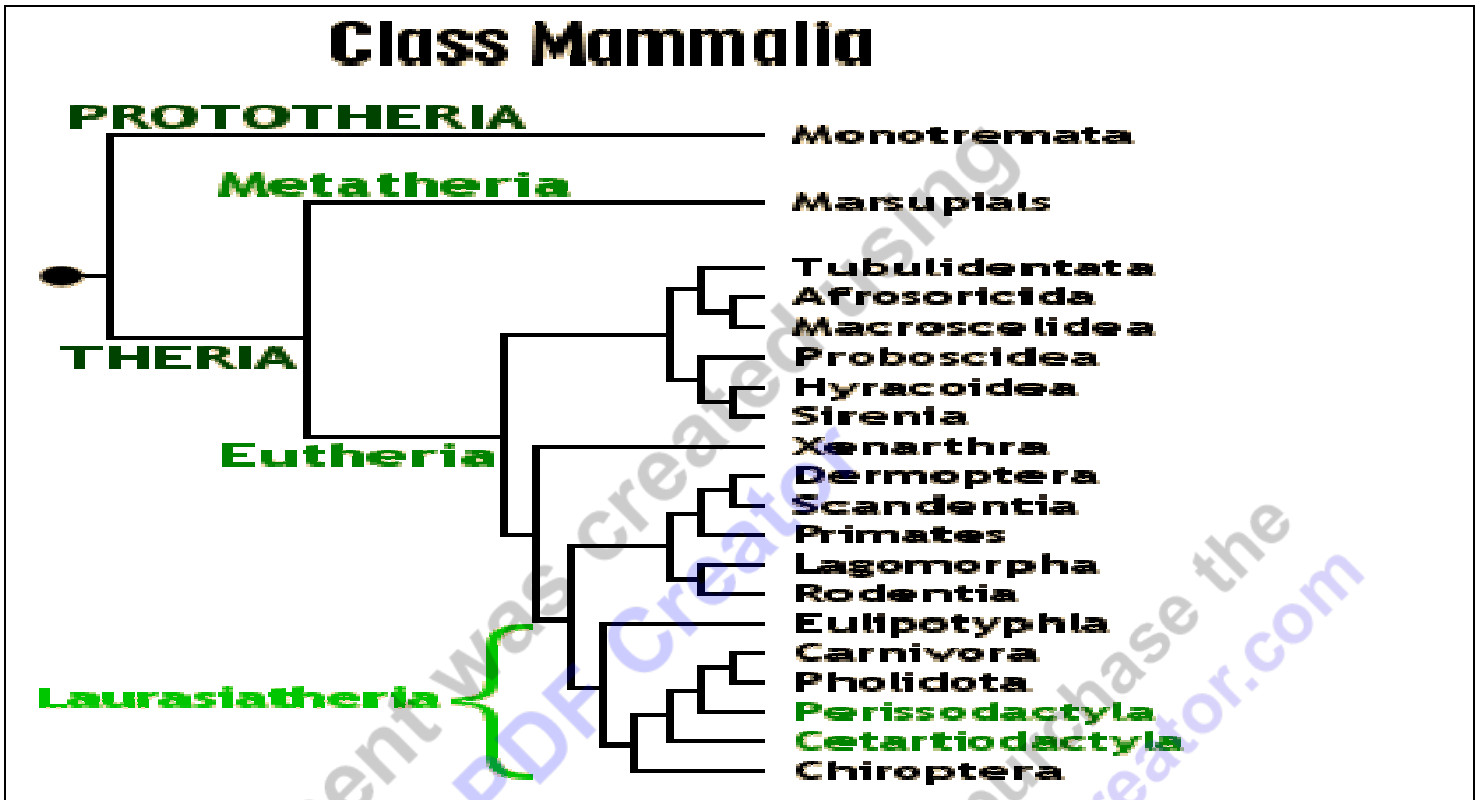


What can be misleading about the common name of the organism on the left? Why do we use the science of naming and classification over common names?

Are these two pictures the same species? Explain below describing the pictures and the definition of a species. You may need to do this question last.







Please answer these questions based on the Phylogenetic tree above.

- 1.) Lagomorpha (rabbits) are closely related to _____
- 2.) Which two orders of mammals are not Eutherian Mammals _____
- 3.) Carnivora and _____ share a common ancestor.
- 4.) Which Eutherian mammal doesn't have a lot of recent ancestors? _____

Use the Dichotomous key to identify the organism on the right.

<pre> graph TD Feathers -- yes --> Swims Swims -- yes --> Duck Swims -- no --> Hen Feathers -- no --> Legs Legs -- yes --> Lizard Legs -- no --> Snake </pre>	<ol style="list-style-type: none"> 1) I have feathers but don't swim _____ 2) I don't have feathers but have legs _____ 3) I have feathers and swim _____ 4) I have no feathers and no legs _____ <p>Extra (Time to impress)</p> <ol style="list-style-type: none"> 5) I lay eggs _____ 6) I have an embryonic life cycle _____ 7) I am of the Class Reptilia _____ 8) I am warm blooded _____ 9) I am cold blooded _____ 10) I am in the Class Aves _____
---	--

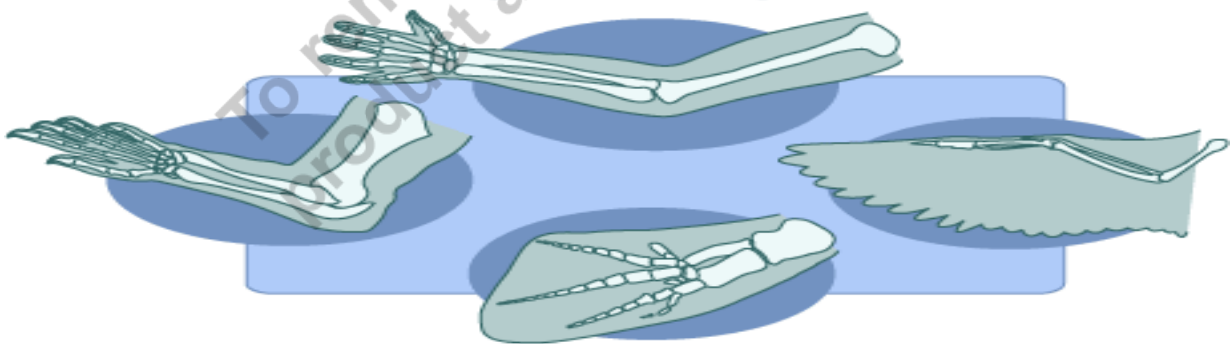
Please describe which symbols below are more closely related by placing each one into one of the four category lines. Cross off each one after you place it. Provide a rationale for each category below.

W σ | Ш θ д ψ Ю f Щ ζ A ω
 Å Θ ш о İ Ω Γ Д δ ц ю Ј Φ

--	--	--	--

Please use the picture below to relate these four species. How are they similar and different?

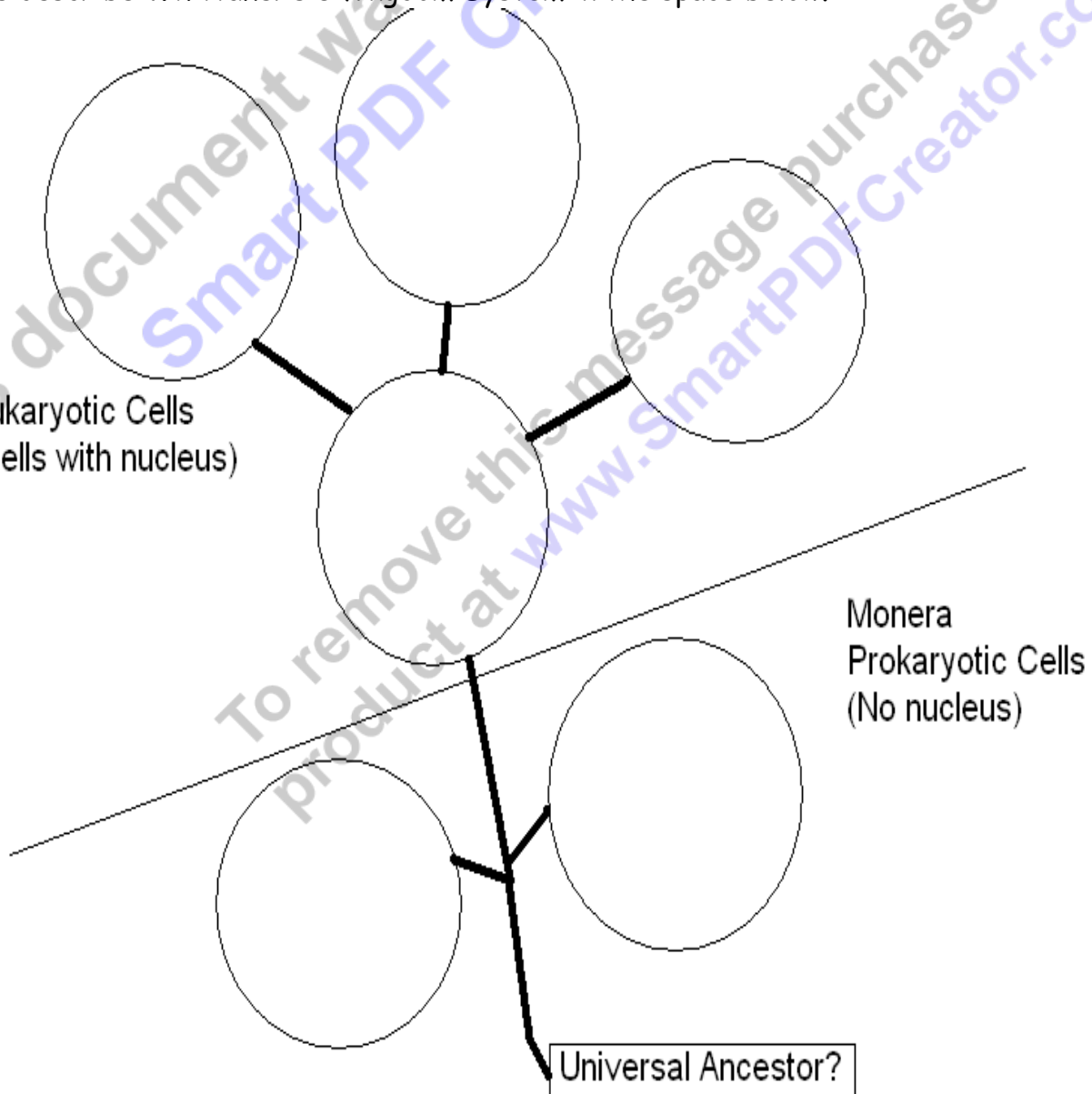
Homologous Tetrapod Limbs



Please name the domains of life based on the pictures below. (You can use more than one)

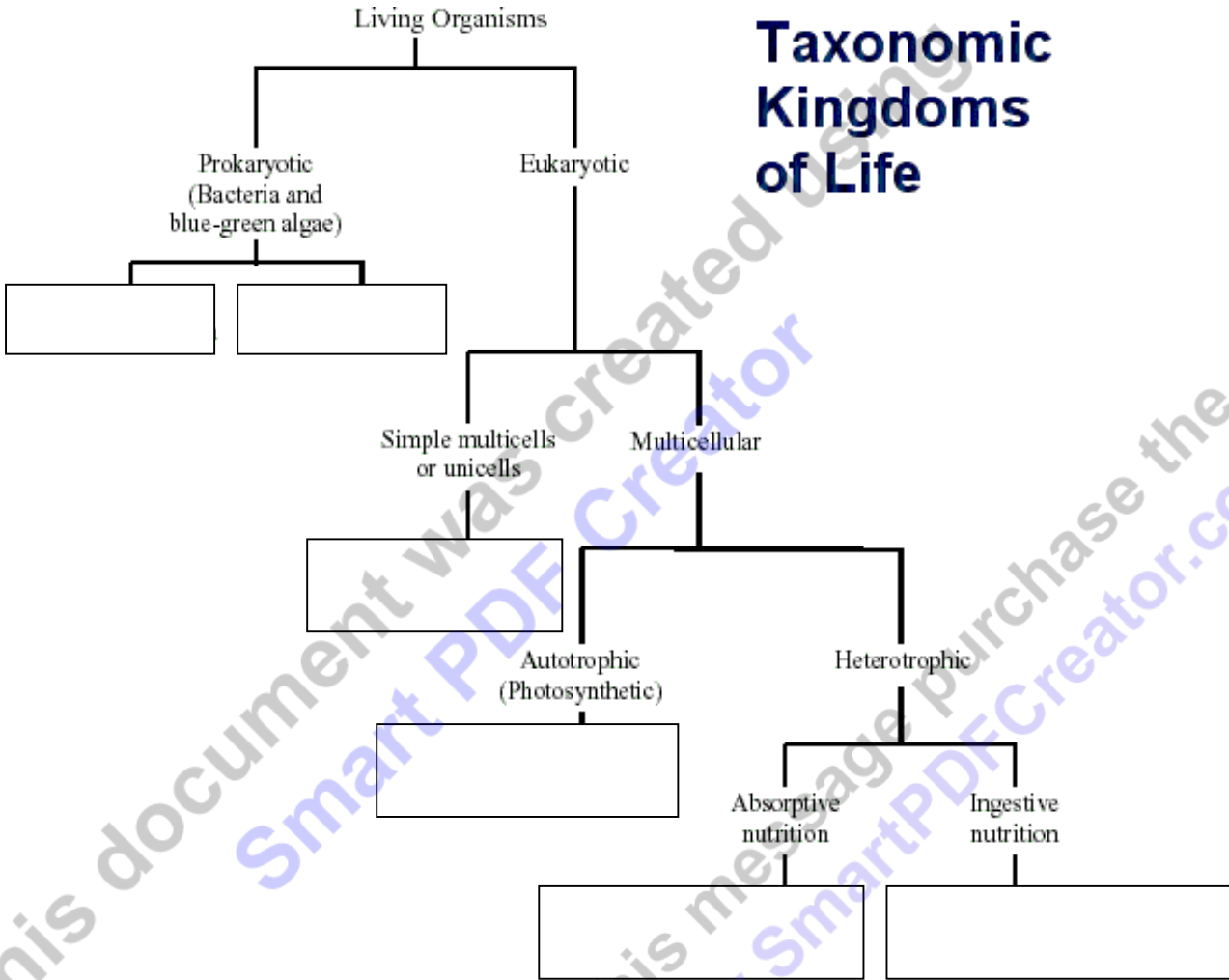


Please describe Whittaker's 5 Kingdom System in the space below.



Use the tree on the Previous page to assist you here. Put the correct Kingdom in the boxes.

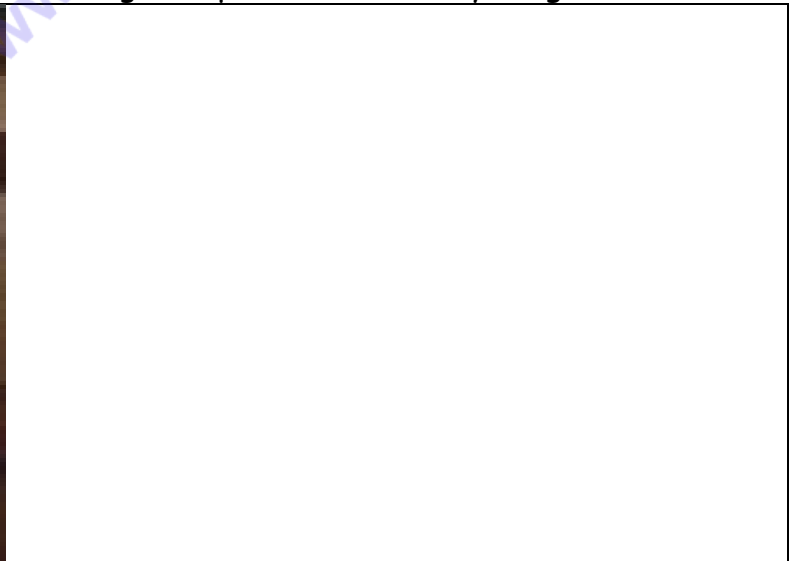
Taxonomic Kingdoms of Life



Please tell me about this photograph. What does King Phillip have to do with anything?



I'm starving,
feed me some
good spaghetti
or I'll stick
Adam Sandler
on you.

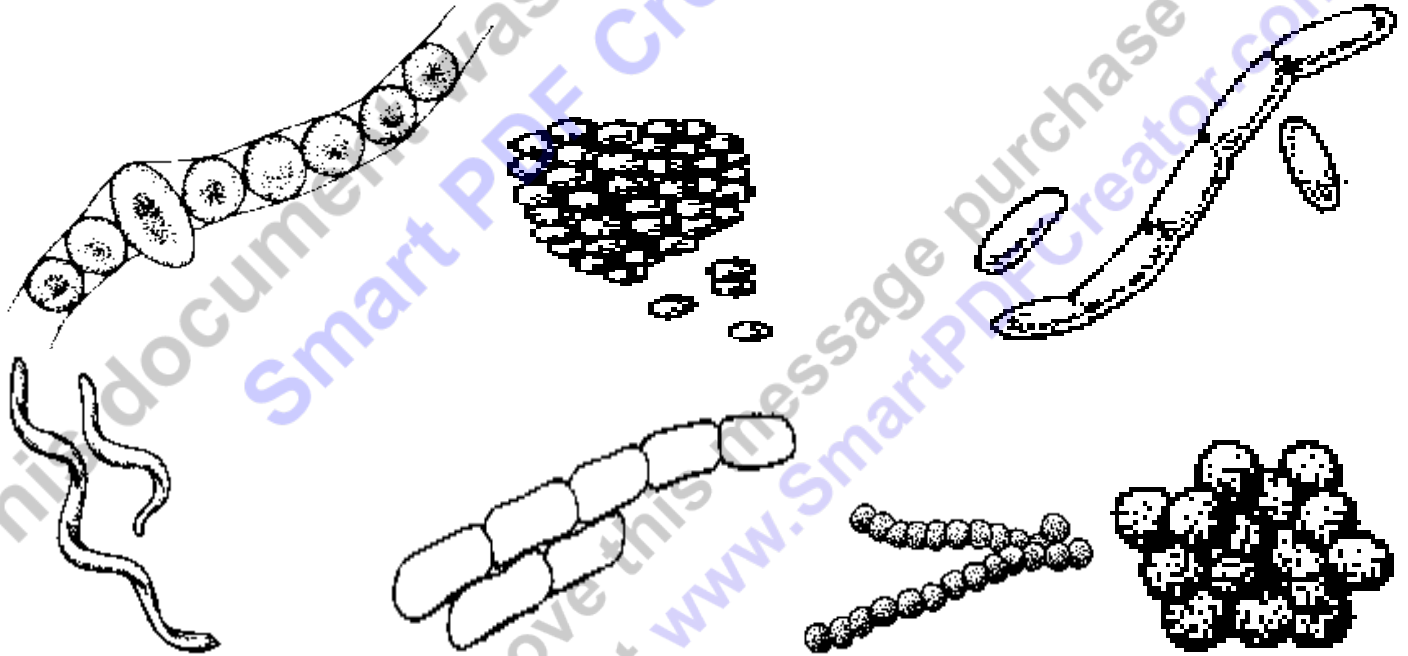


What is the full science name for people?

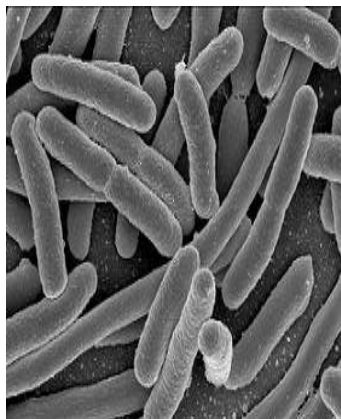


Classify me on the space on the left before I decide to jump out of this page and.....

Please label the follow the following bacteria with the correct names.



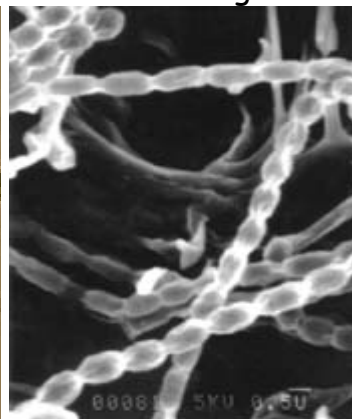
Please continue to name the bacteria below based on actual images.



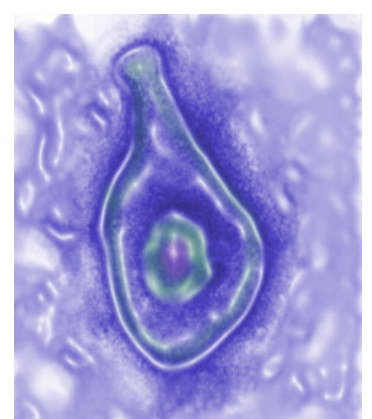
Stained Purple



(Blue and Green)

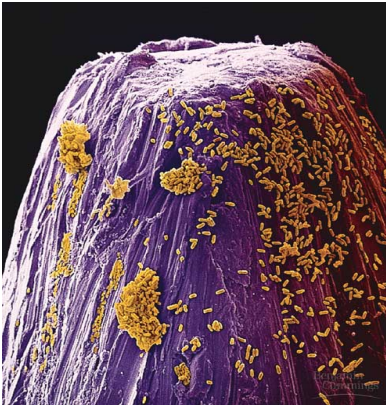


Stained Pink



(Jagged and Random)

I made constant reference to how bacteria are the most abundant living thing on the planet. Please tell me why this is possible in the space below using the pictures to describe size and abundance, and the boxes to show bacterial reproduction.



Reproduce bacteria here

I	II	III									
---	----	-----	--	--	--	--	--	--	--	--	--

Positives of Bacteria (+)

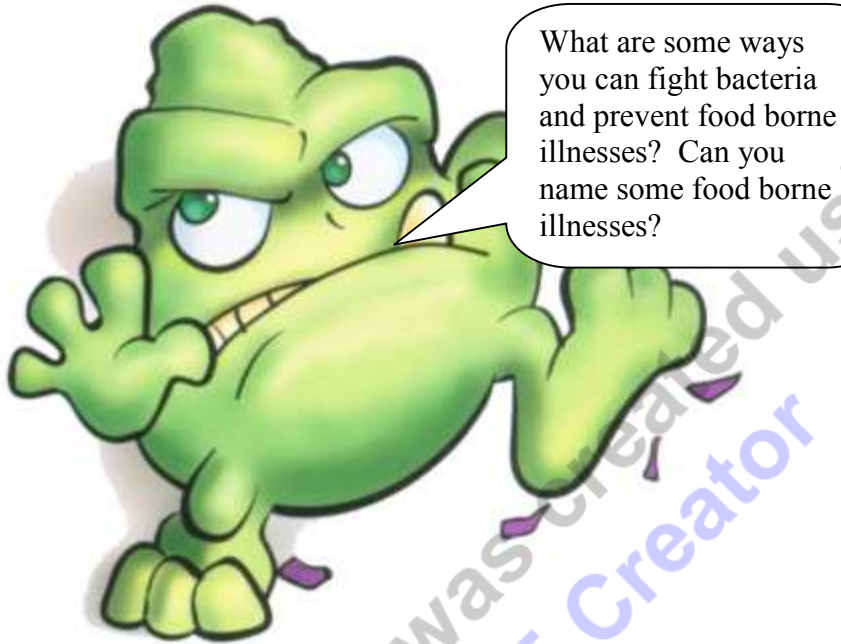
Negatives of Bacteria (-)

<ul style="list-style-type: none"> • • • • • • 	<ul style="list-style-type: none"> • • • • • •
--	--

Please show animation of bacteria reproducing in the boxes below. What is the process called?

--	--	--	--	--

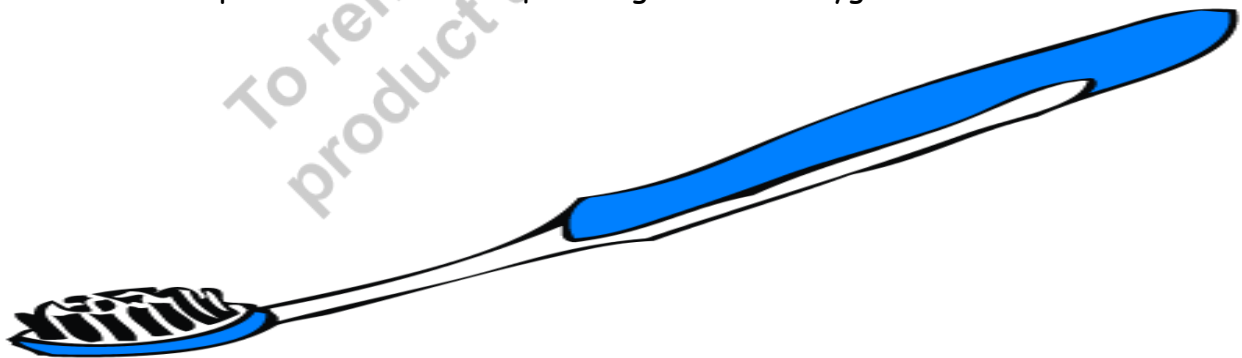
What is the difference between sexual and asexual reproduction? _____



What should you do if you cut yourself to protect yourself from bacterial infection?



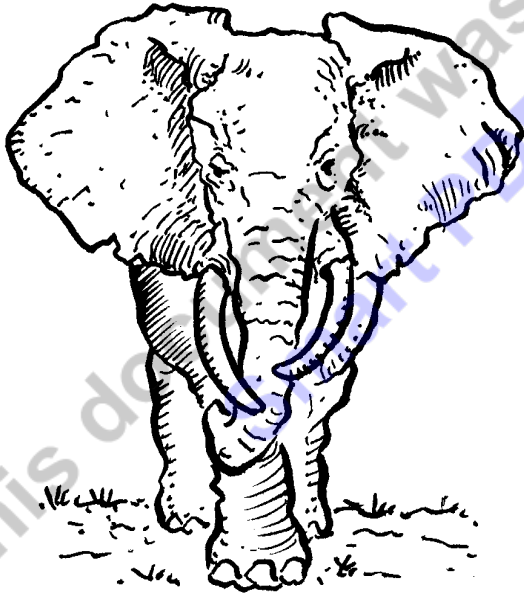
Please discuss the importance and techniques to good dental hygiene



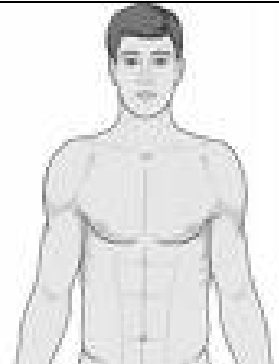
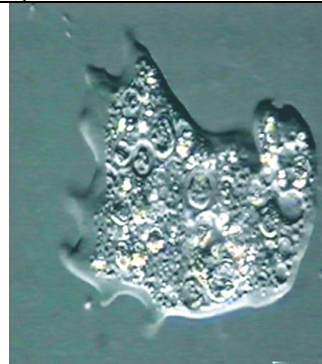
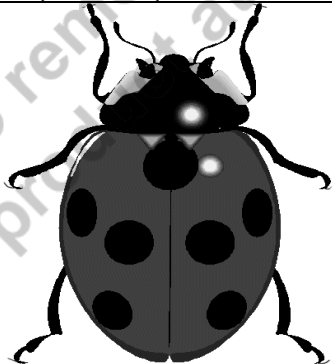
Please provide some information about the following types of protists.

Plant-like Protists	Animal-like Protists	Fungus-like Protists





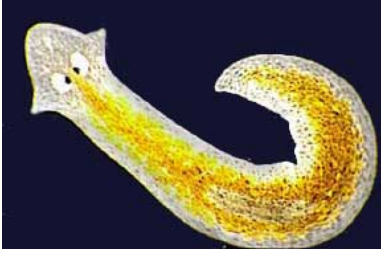


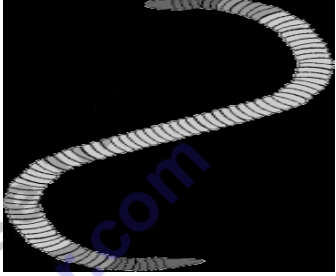




Please describe the characteristics of the Kingdom Animalia below.








Please describe the type of symmetry based on the pictures below.



Please name the correct phylum of animalia in the boxes below.

 <p>P=</p>	 <p>P=</p>	 <p>P=</p>	 <p>P=</p>
 <p>P=</p>	 <p>P=</p>	 <p>P=</p>	 <p>P=</p>
 <p>P=</p>	 <p>P=</p>	 <p>P=</p>	 <p>P=</p>

Name some of the classes representing the chordate phylum below

				
--	---	---	--	---

Show that the stick figure is a mammal by decorating it with mammalian characteristics. Notes should be provided in the margin.



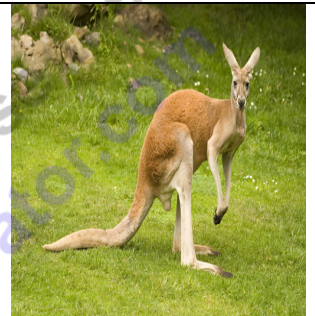
Name some of the orders of mammals below



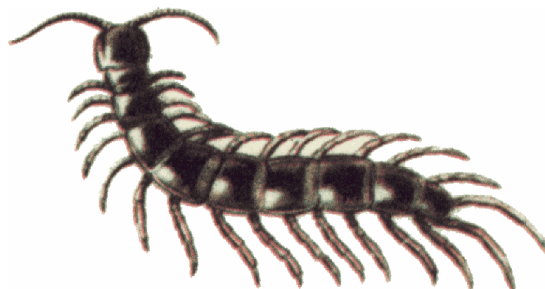
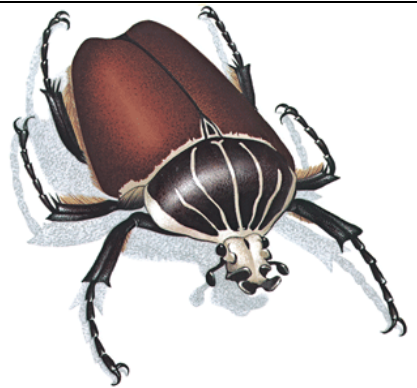
I am a Manatee



I am even toed



Please describe the Classes and Subphylum of the four types of arthropods based on the pictures below.



What are the three roles of fungi?

--	--	--

What are some of the positives and negatives of Fungi?

+	-
---	---

What type of fungi is shown to the right?
How could this have been prevented?



What Division of fungi is shown below? Please name the parts and then describe the dangers of eating this magic mushroom (not a real magic mushroom) Also try and mention mushroom reproduction.



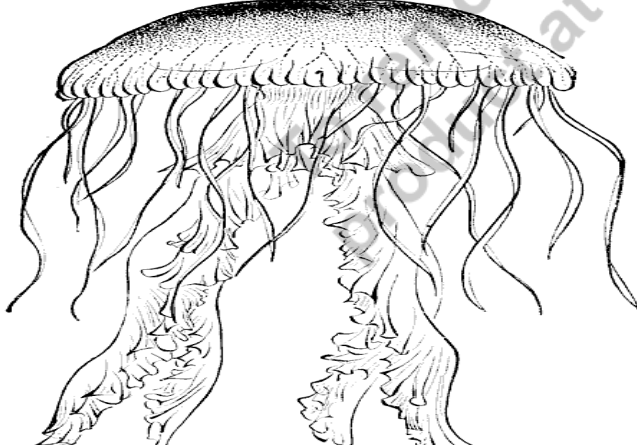

Please describe at least three Divisions of Fungi in the space below. Provide a picture and some supportive text in the boxes below.

--	--	--

Why is the Kingdom Plantae in its own Kingdom? How is it different from the other Kingdoms?



Final Recitation - Please label the following...The more you know the better. At minimum, please record the Kingdom.

 <p>K= P=</p>	 <p>K= P=</p>
---	--



I lay eggs...can you find out who I am?

K= P= C= O=

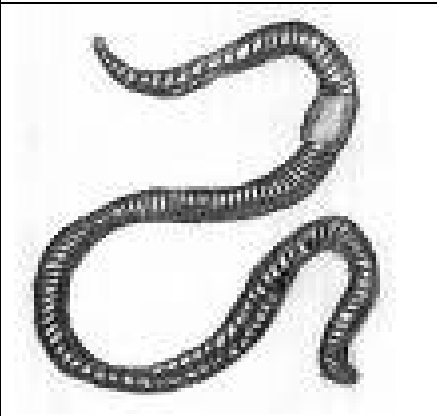
K= Division=



K=
P=
C=
O=

K=
P=

K=
Division=



K=
P=
C=

Itchy jock area 😞!
K=

K=
P=



K=
P=



K=
Type=



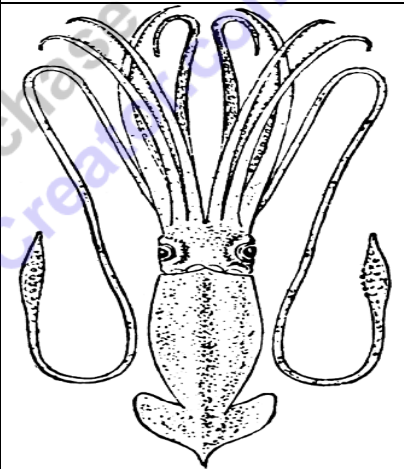
K=
P=
C=
O=



K=
P=
SC=



I created the air pockets



K=
P=



K=
P=
C=
O=



I have lots of cilia
K= Type=



K=
P=



K=
SP=
C=



K=
P=
C=



I have a flagella
K=
Type=



K=



K=
Type=
Pink Stain=



I am made of glass.
K=
Type=



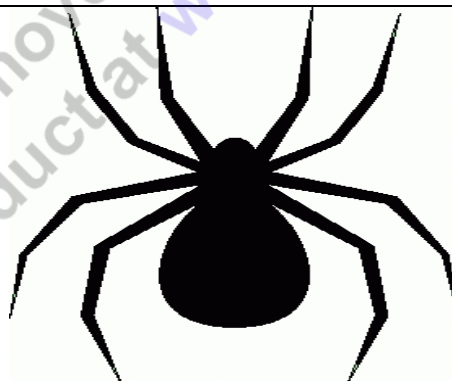
I am a shape shifter
K=
Type=



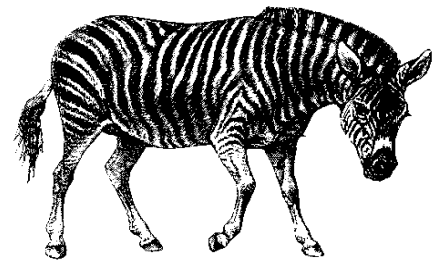
K=
P=
SC=



K=
P=
C=



K=
P=
C=



One hoof / toe
K=
P=
C=
O=

This document was created using
Smart PDF Creator

To remove this message purchase the
product at www.SmartPDFCreator.com