Name		Date
	Specialized Cells	

- Which of the following describes a specialized cell?
  - a. A special agent cell

CUTICLE LAYER

- b. A super cell that does important tasks
- c. A cell that has a structure that suits its function (form fits function)

What function does a cuticle cell serve and how does

## Specialized Plant Cells

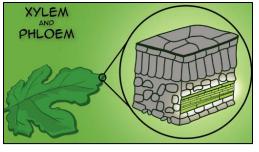
	its form fit its function?	
Vhat function does an epidermal cell loes its form fit its function?	serve and how EPIDERMAL CELLS	

Singular: Stoma Plural: Stomata	What function does a guard cell serve and how does its form fit its function?

at function form fit its	oes a trichome cell serve and how do unction?		



PALISADE MESOPHYLL (PALISADE PAPENCHYMA CELLS)	What function does a palisade mesophyll cell serve and how does its form fit its function?
What function does a spongy mesoph how does its form fit its function?	yll cell serve and  SPONSY MESOPHYLL (SPONSY PARENCHYMA CELLS)
XYLEM PHLOEM	What functions do xylem and phloem cells serve and how do their forms fit their functions?



What functions do xylem and phloem cells serve and how do their forms fit their functions?		

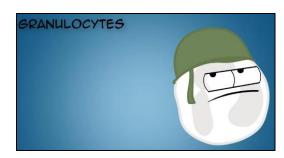
abel the cells in the cross section of the eaf:	А <u>—</u> В —			
A	c —			
What do the dots in C and D represent?	D —			
What is a stoma and what function does it				
	E —		Do	

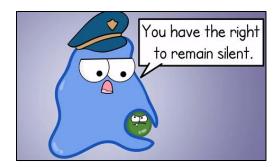
## Specialized Animal Cells

Um, it's RBC.	Actually, it's erythrocyte.
RED BLOOD CELLS	

What function does a red blood cell serve and how does its form fit its function?	

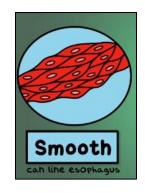
What function does a granulocyte white blood cell serve and how does its form fit its function?

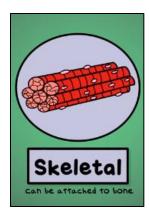




What function does a phagocyte white blood cell serve and how does its form fit its function?

What function does a smooth muscle cell serve and how does its form fit its function?
<del></del>





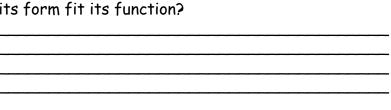
What function does a skeletal muscle cell serve and how does its form fit its function?

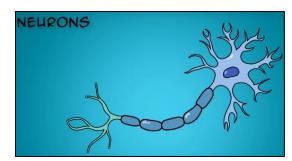
Cardiac
found in heart

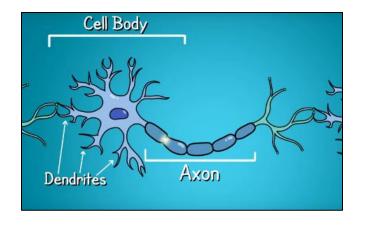
What function does a cardiac muscle cell serve and how does its form fit its function?

What organelle do	muscle cells have more o	f, than other cells, and why?	·

What function does a neuron cell serve and how does its form fit its function?







ell serve?
/hat function does the axon part of the ell serve?

What function does the dendrite part of

How long can a neuron cell be?