Name		Class	Date		
Skills Worksheet	·	_			
Directed	Directed Reading B				
Section: Euka	aryotic Cells	(pp. 120-127)			
CELL WALL	-				
I. What rigid stru the cell? the cell v	_	s a plant cell mem	brane and provides support		
2. What are the c	ell walls of plan	ts and algae made	e of?		
The cell wall of plants complex sugar called	s and algae are made of a				
CELL MEMBRAN					
		separates a cell's	contents from the cell's		
enviror					
	ribosomes cy <b>t</b> oskeleton				
	cell membrane				
	organelle				
phospholipid <b>4.</b> What the	wo lavers make	it difficult for mat	erials to pass through the co		
nembr	-		• •		
<b>a</b> . phos	spholipid layers				
•	skeleton layers				
	rophilic layers				
	rophobic layers				
	ials, such as nut	rients and waste,	pass through the cell		
membrane?					
- through passageways r	nade of proteins				
anough pubbugeways i					
CYTOSKELETON					

- as the **a.** phospholipid.
- b. cytoskeleton.
- c. cell membrane.
- d. organelle.

Name	Class	Date
Directed Reading	B continued	
a. the cell b. the cyl c. the cell	es animal cells their shape? l wall coskeleton l membrane oskeleton	
NUCLEUS		
control chemical reactions nucleous 9. The funct a. control b. store g c. cover d. cytopl	and organelle called the s. lus. tide. asm. ion of proteins in a cell is to l chemical reactions. genetic information. the nucleus. nessages from DNA. ea of the nucleus where a co nondrion. lus. tide.	called DNA is found in a mem- endo = within plasmic = made of phospholipids reticulum = folded
RIBOSOMES	_	
<b>11.</b> Organelles that 1	nake proteins are called <sup>r</sup>	ribosomes
<b>12.</b> Proteins are made		
<b>13.</b> Why do all cells	have ribosomes?	
Without ribosome	te proteins to carry out chemical rea s a cell could not make any proteins o do reactions the cell would die.	

## **ENDOPLASMIC RETICULUM**

c

14. A system of folded membranes found in a cell's cytoplasm, in which proteins,

lipids, and other materials are made, is the \_<mark>endoplasmic reticulum</mark>\_\_\_\_\_

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