Name		Class	Date
Directed Readin	g B continued		
20. What happens	during the second	stage of the cell	cycle in a eukaryotic cell?
21. The four phase	s of mitosis are		
	, and		
22. What happens	during the third st	age of the cell c	ycle in a eukaryotic cell?
23. Before mitosis	begins,		are copied.

Directed Reading B continued

Use the diagram below to answer questions 24-29, which describe the phases of the cell cycle. Write the correct phase in the space provided for each question, using "Interphase," "Mitosis Phase 1," "Mitosis Phase 2," "Mitosis Phase 3," "Mitosis Phase 4," or "Cytokinesis."



Directed Reading B continued 30. How do animal cells without cell cytokinesis?	walls divide the	ir cytoplasm during
	walls divide the	eir cytoplasm during
31. How do plant cells with cell wall	s divide their cy	toplasm during cytokinesis?
CONTROL OF THE CELL CYCLE		
 32. After which stage in the ortho parent cell? a. interphase b. mitosis c. cytokinesis d. prophase 	ell cycle is each	new cell an exact copy of
 33. Which of the following recycle? a. feedback switches b. DNA c. homologous chromoso d. centromeres 	_	ons and control the cell
34. A tumor in which the cells begin	dividing at an u	ncontrolled rate is called

75