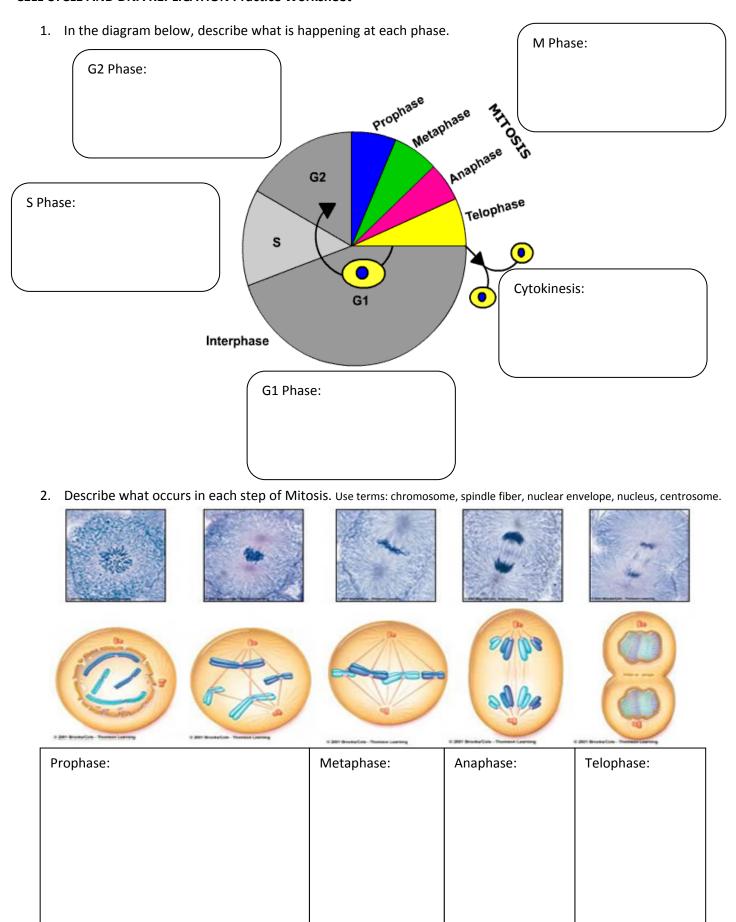
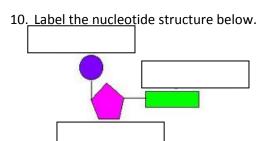
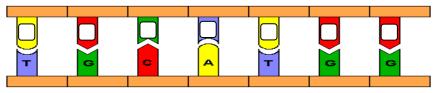
CELL CYCLE AND DNA REPLICATION Practice Worksheet



3.	What divides in Mitosis?		
4.	What divides in Cytokinesis?		
5.	What happens when a cell can't stop dividing and continues to divide uncontrollably?		
6.	How is Mitosis different from Meiosis?		
		Mitosis	Meiosis
	# of divisions		
	# daughter cells		
	Genetic Make up		
	Type of cell created		
	Type of reproduction		
	Examples		
	Even though you and your siblings get your DNA from the same parents, why is it you are not identical to e other? Explain how the processes below help increase genetic diversity.		
	Crossing Over		
	Segregation		
	Independent Assortment		
8.	What is DNA? What does it o	carry?	
9.	What are the monomers of DNA? Polymers?		



- 11. What makes up the backbone/sides of DNA?
- 12. What makes up the steps/rungs of DNA?
- 13. In the unwounded DNA form below, fill in the complementary base pairs.



- 14. Where do you get your DNA from?
- 15. When does DNA replication occur in the cell cycle?
- 16. The diagram below shows DNA replication. Describe what is happening at each step.

