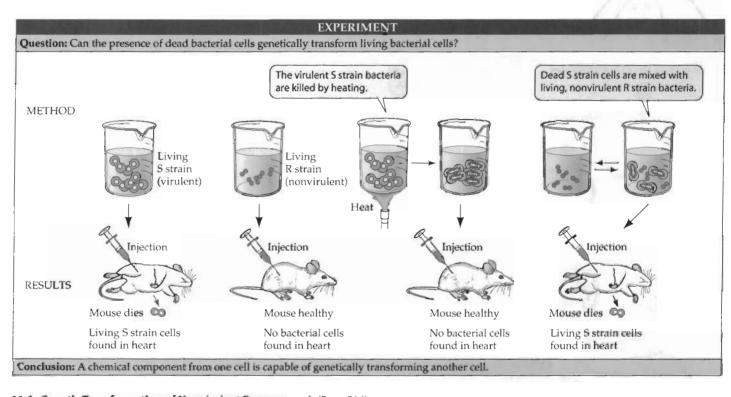
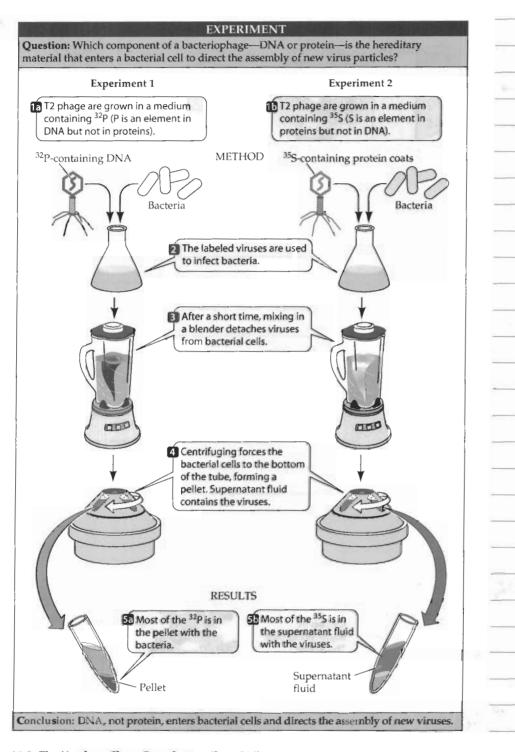
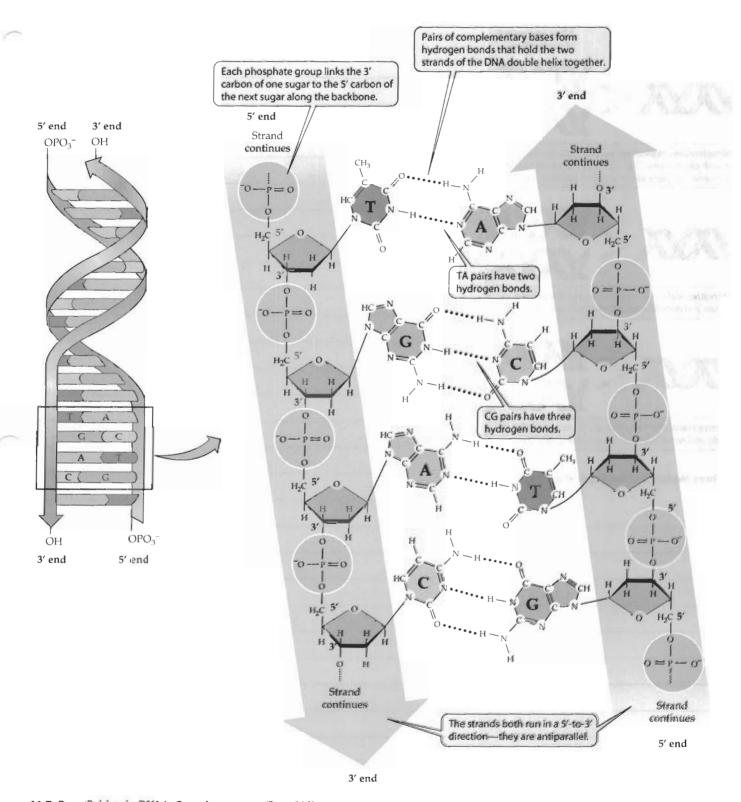
11 DNA and Its Role in Heredity



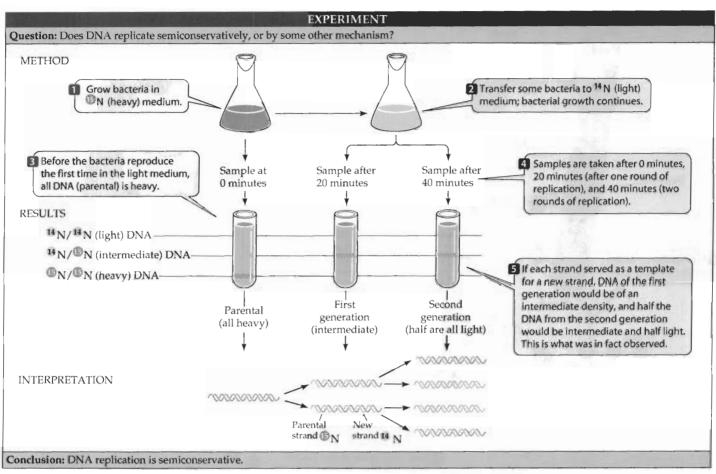
11.1 Genetic Transformation of Nonvirulent Pneumococci (Page 214)



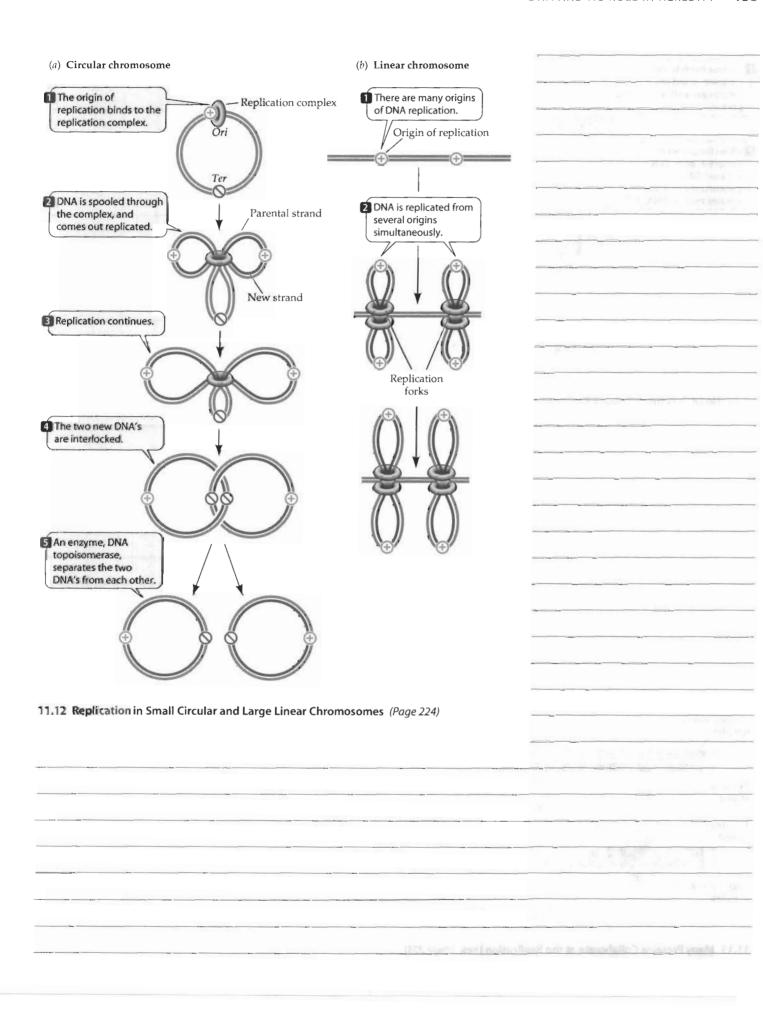
11.3 The Hershey-Chase Experiment (Page 216)

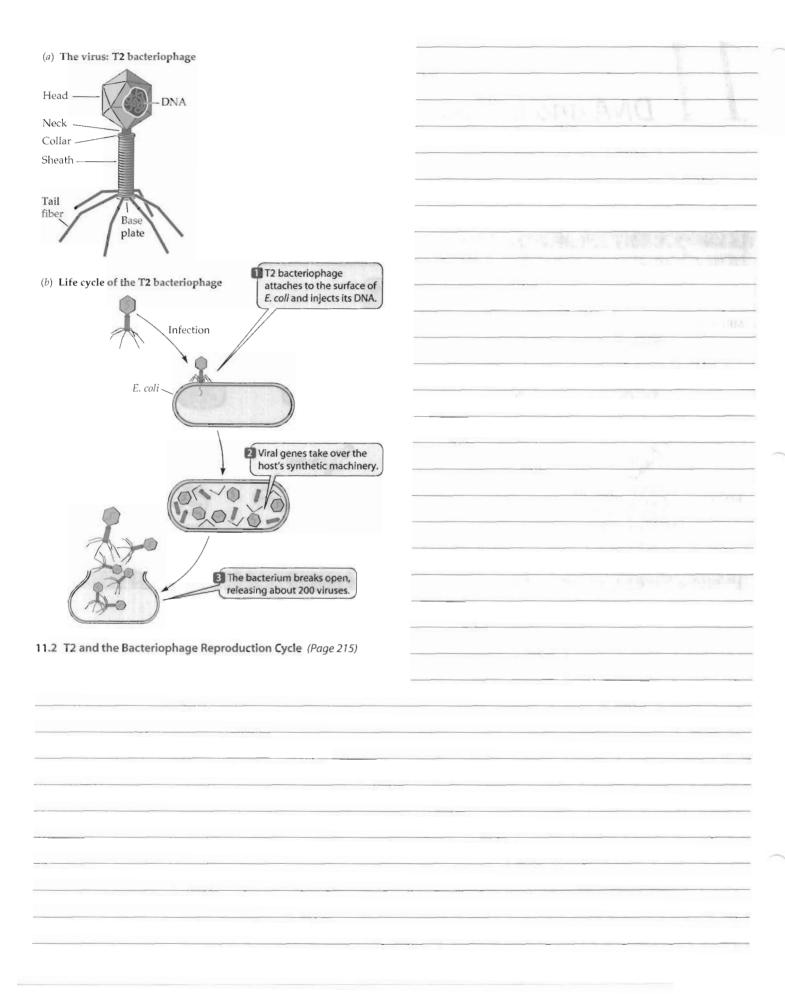


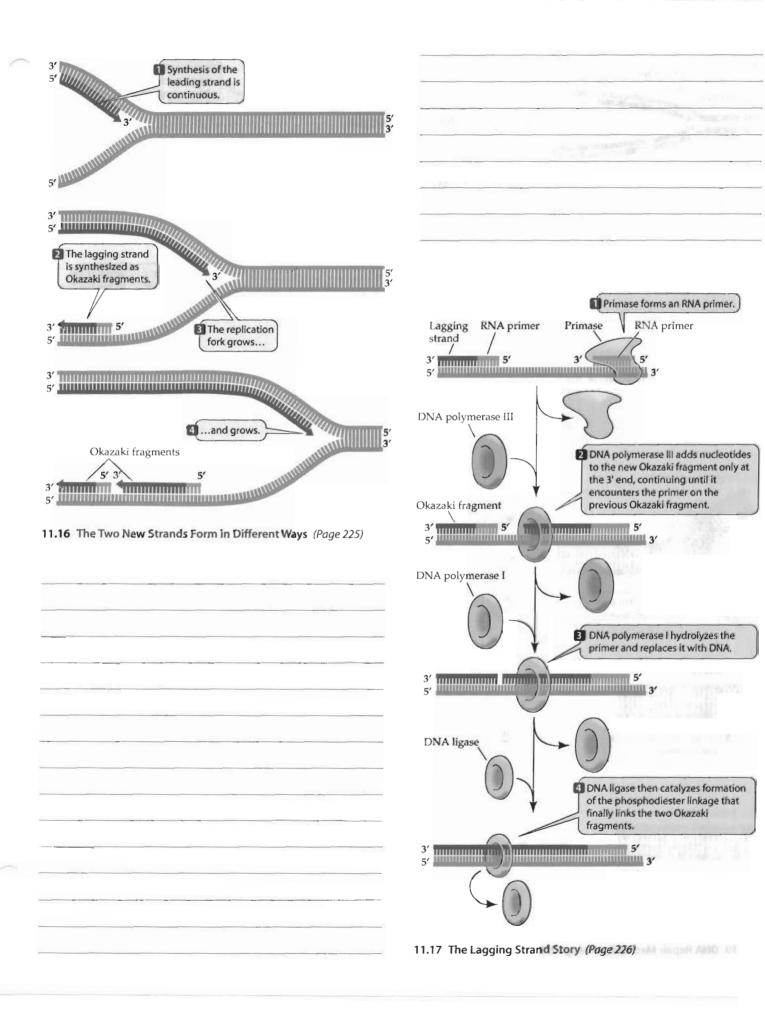
11.7 Base Pairing in DNA Is Complementary (Page 219)

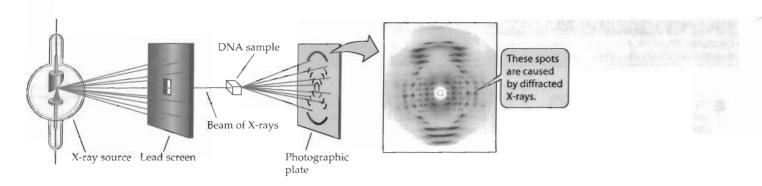


11.9 The Meselson–Stahl Experiment (Page 221)			
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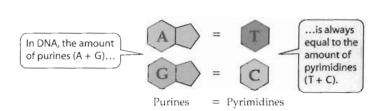




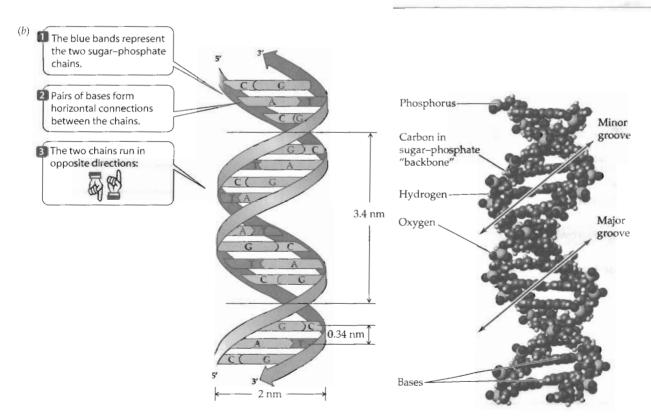




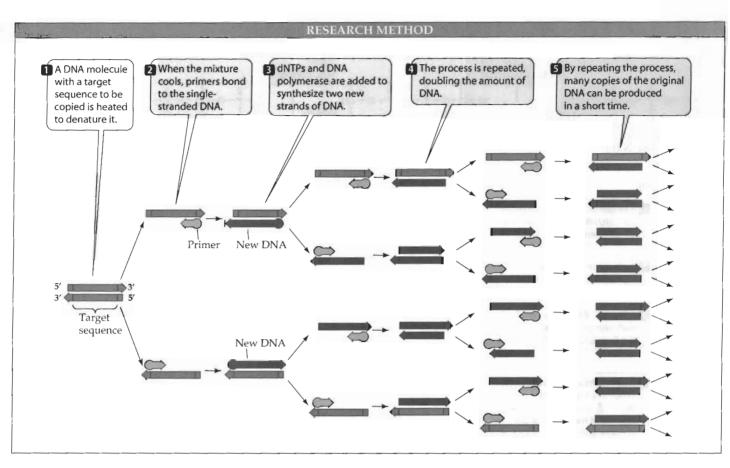
11.4 X-Ray Crystallography Revealed the Basic Helical Structure of the DNA Molecule (Page 217)



11.5 Chargaff's Rule (Page 217)

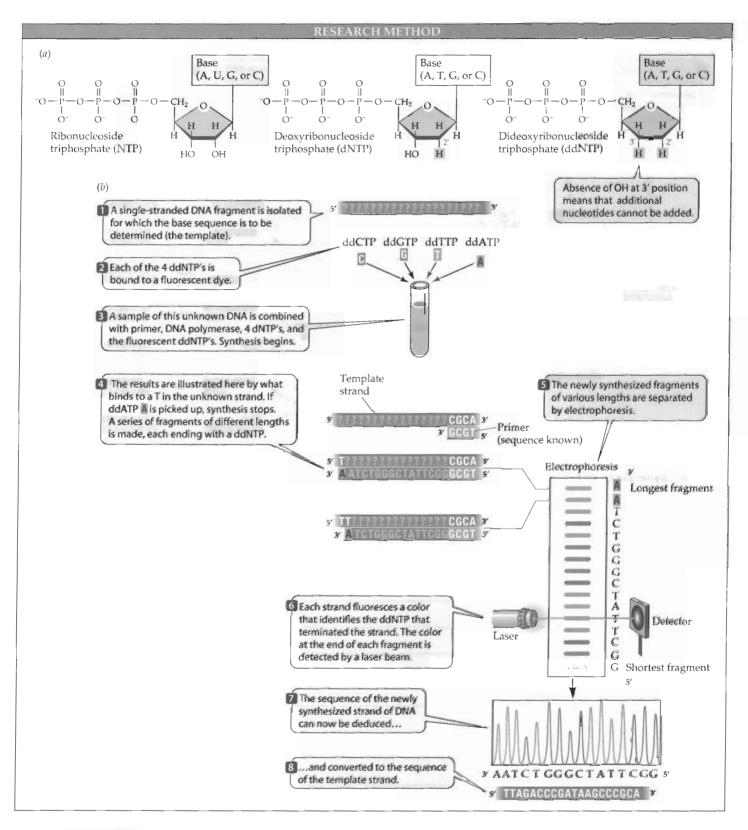


11.6 DNA Is a Double Helix (Page 218)

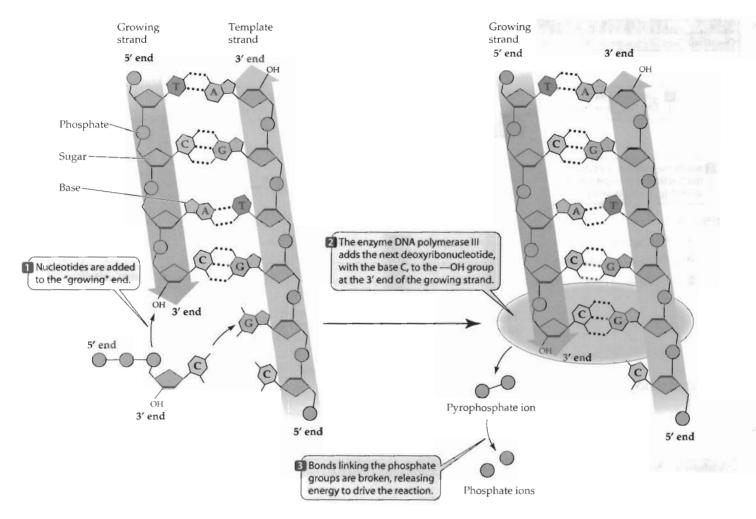


11.20 The Polymerase Chain Reaction (Page 229)				

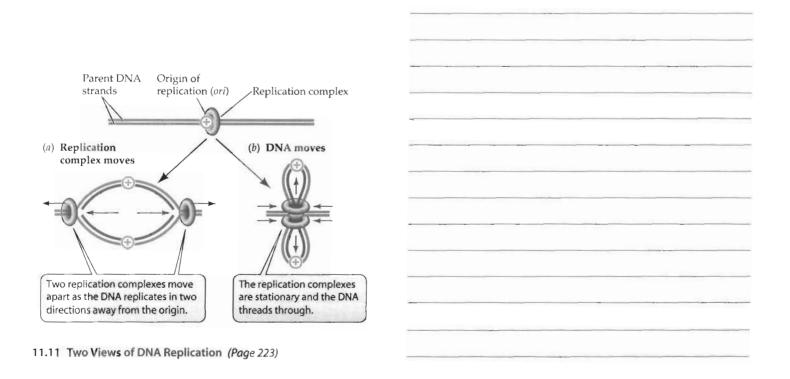
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(a)		
TAMAN /		
(a		340
Semiconservative replication wo with both old and new DNA, but contain one complete old strand	each molecule would	
		Q.F. Landing
(b)		
	NOON -	
Conservative replication would p	reserve the original	
molecule and generate an entirel	y new molecule.	
(c)		
		2730
TAMINA -		
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Dispersive replication would proc with old and new DNA interspers	duce two molecules ed along each strand.	
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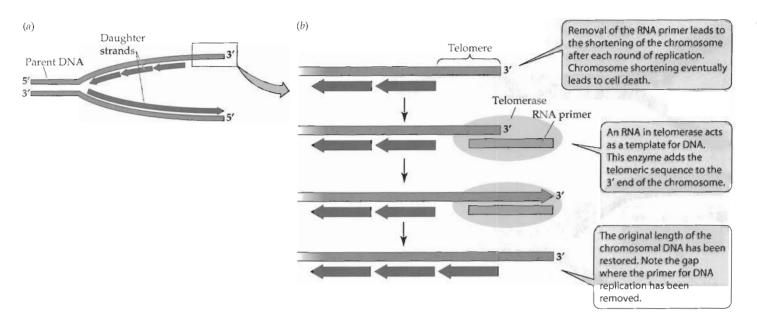


11.21 Se-quencing DNA (Page 230)

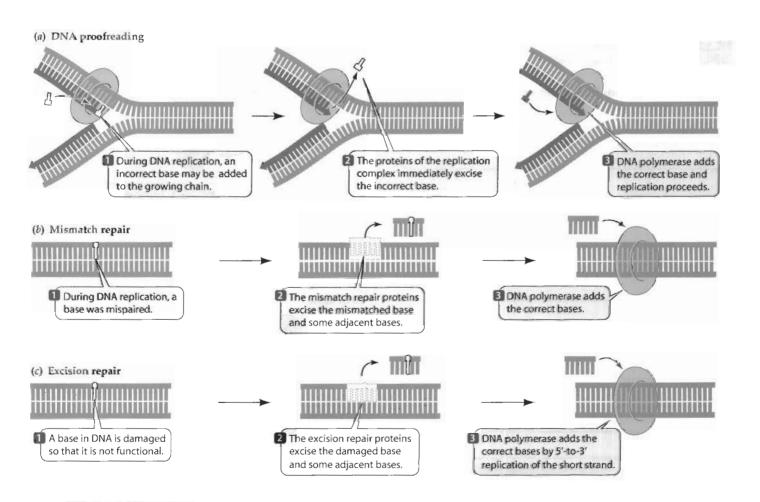


11.10 Each New DNA Strand Grows from its 5' End to its 3' End (Page 223)

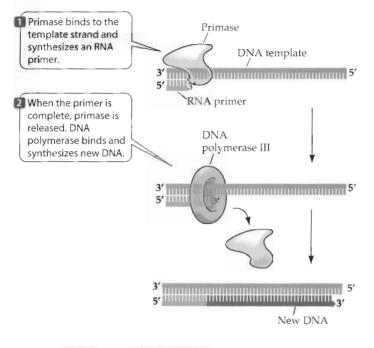




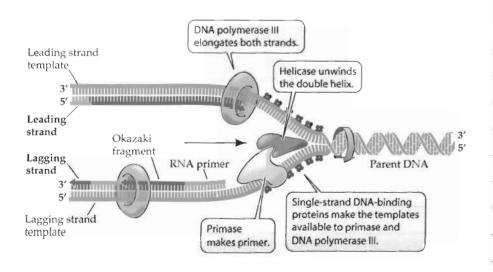
11.18 Telomeres and Telomerase (Page 227)



11.19 DNA Repair Mechanisms (Page 228)



11.14 No DNA Forms without a Primer (Page 225)



11.15 Many Proteins Collaborate at the Replication Fork (Page 225)