Name	Class	Date
Skills Worksheet		
Directed Read	ding	
Section: Replication of the space provided, write the or phrase. 1. DNA replication 2. DNA helicase	a. add nucleoti	ription that best matches the tern des to the exposed bases the base-pairing rules taking a copy of DNA
3. replication forks4. DNA polymerases	c. two Y-shaped areas that form when the double helix separates in DNA replication	ed areas that form when the separates in DNA replication
5. new DNA strand Read each question, and write 6. Identify two major enzymes	hydrogen bo e. each double of one of the your answer in the	
7. What prevents the separated during DNA replication?	d DNA strands fro	om reattaching to one another
8. What prevents the wrong nu during DNA replication?	ucleotide from bei	ng added to the new strand

Name	Class	Date
Directed Reading con	inued	
Directed Reading con	illueu	
Complete each statemen	nt by writing the correct term or	phrasa in the space
provided.	it by writing the correct term or	piliase iii tile space
9. Prokaryotic DNA is forks.	reproduced with	replication
	some is replicated in about sections.	hours
11. The number of nucle	otides between each replication	n fork in human DNA is
approximately		