	Name				
Chpt 31.2	Date Hour				
Birds					
Read Chapter 31.2 in your text, pa questions) below using the informati	nges 826-833. Fill in the blanks (or answer the ion you have read.				
. The adaptation of flying was an	The adaptation of flying was an advantage because of a huge source of				
	afrom land-dwelling				
2. Birds are in the Class	 •				
Fossil evidence indicates birds evolved from:					
Birds have and protein on their feet.					
5. Fertilization in birds is	, and				
are produced.					
5. Although some birds are flightl	less, birds have an				
	, modified protein that provide bles				
7. Feathers are and enalgets. B. What is the purpose of preening	bles				
and enal	bles				
and enalged. 3. What is the purpose of preening. 9. What is molting?	bles				
and enalger with the purpose of preening and enalger with the purpose of preening and enalger with the purpose of preening and enalger enalger and enalger and enalger and enalger and enalger and ena	blesg?				
and enalger with the purpose of preening and enalger with the purpose of preening and enalger with a second and enalger and en	bles g? n birds is the modification of the				

11. Flight also requires _____

	·	•	system of a human, a bird's respiratory system		
	supplies	air to the	when it		
		as well as when it	·		
fig 31.14	14. During inhalation:				
	, -	ir passes through the	and into the		
	- <i>most</i> of the o	 oxygenated air however passes di	irectly into the		
	During exhalation:	·			
	- deoxygenated	d air from thei	is exhaled and		
		air from the			
	moves to the	lungs.			
	At the next inhalat	tion:			
	- deoxygenated	d air from theı	moves to the		
		and			
	- oxygenated air moves to the lungs and posterior air sacs.				
	At the next exhala	tion:			
	- air passes fro	om the	out of the		
	- and oxygenate	ed air moves to the lungs and pos	sterior air sacs.		

12. Birds have a _____ chambered heart, that _____ moves the blood

shell.		
20.Unlike theshell of r	reptiles, bird eggs	have a
19. What is a disadvantage of being endo [.]	thermic?	
18. What is an advantage of being endoth	nermic?	
17. What 3 things can birds do in respons	se to high tempera	tures?
16. How do feathers reduce heat loss in c	ora remperarares:	

However they do exhibit specific				
depending on the _	in which they live.			
penguins	adaptation:	<u>purpose</u> :		
	of a bird's the bird eats.	or bill gives clues to the		
<u>Bird:</u> hummingbird	shape of beak:	type of food/method of eating:		
hawks				
pelicans				
cardinal				