Name	Class	Date
Section 33–3 Form a	nd Function in Cho	rdates (pages 857–864)
TEKS FOCUS: 3D Careers; 10A	. Body systems	
This section explains how the organ carry out essential life functions.	n systems of the different chord	ate groups
Feeding (pages 857–858)		
1. Most tunicates and all lance	lets are	They remove
plankton from the water tha	nt passes through their	·
<b>2.</b> Circle the letter of the vertel		
<b>a.</b> tunicates <b>b.</b> flamingo	es <b>c.</b> manta rays <b>d.</b> o	crocodiles
3. What adaptations do verteb	rates have to feed on nectar	?
<b>4.</b> Is the following sentence truare filter feeders.		harp canine teeth and incisors
		ort digestive tracts that produce
<b>a.</b> herbivores <b>b.</b> endothe	erms <b>c.</b> carnivores <b>d.</b> e	ectotherms
Respiration (pages 858–859)		
<b>6.</b> Is the following sentence true respiration.	, ,	ic chordates use lungs for
7. List three examples of respiraddition to gills and lungs.		ares used by chordates in
a		
b		
c		
		tebrates

9. Is the following sentence true or false? Mammals typically have more surface area in

10. Bubblelike structures in the lungs that provide an enormous surface area for gas

their lungs than amphibians. \_

exchange are called \_

Name	Class Date
<b>11.</b> Complete the flowchart that des Figure 33–9 on page 859.	scribes the path of water as it moves through a fish. See
Water flows in through the fish's	, where muscles pump the water across
the	
	<b>\</b>
As water passes over the gill filaments,	molecules diffuse into blood in the
capillaries. At the same time,	diffuses from blood into water.
	•
	l out through the
	mounts of oxygen?
13 Why are the lungs of hirds mos	efficient?
	. CHICICITE:
Circulation (pages 860–861)	
· ·	false? Chordates that use gills for respiration have a
single-loop circulatory system.	
First loop:	ied in each loop of a double-loop circulatory system.
Second loop:	
1	false? In a double-loop system, oxygen-poor blood
from the heart is carried to the h	oody
17. In vertebrates with gills, the hear	rt consists of chambers.
<b>18.</b> What is the advantage of the rep	otilian heart over the amphibian heart?
<b>19.</b> Why is a four-chambered heart	sometimes described as a double pump?

c. viviparous

**d.** asexual

receive nutrients from the yolk surrounding them.

Class

Date \_\_\_\_\_

**a.** oviparous

**b.** ovoviviparous

Name