1e	Class	Date
	Conceptual	Biology
Chapter 14: Maintain Circulatory System	ing the Body	
<i>Fill in the blanks:</i> 1.Each heartbeat begins in a part or pacemaker.	t of the right atrium called the <u>sinoatrial</u> r	node,
The pacemaker starts an action	n potential that sweeps quickly through two	chambers of the
heart, the right atrium	and left atrium,	
which contract simultaneously	<i>.</i>	\frown
The signal also travels to the and from there to the other two the <u>right ventricle</u> and <u>left ventricle</u> .	atrioventricular node, o chambers of the heart, 	
These two chambers also cont	ract simultaneously.	Part
The "lub" is the sound after the two atria cor	l of valves between the atria and v	entricles snapping shut
b. What is the "dubb"?		
<u>The "dubb" is the sou</u>	nd of the valves between the ventr	ricles and blood vessels
snapping shut after th	ne contraction of the ventricles.	
3. The three types of cells found	in blood are <u>red blood cells</u> ,	
white blood cells ,	and <u>platelets</u> .	
Red blood cells	transport oxygen to the body's tissues.	
White blood cells	are part of the immune system and help or	ur bodies
defend against disease. Plate	elets are involved in blood clottin	ng.
4. The molecule in red blood cell	ls that carries oxygen is called <u>hemoglob</u>	pin

Conceptual Biology er 14: Maintaining the Body ry Systemcontinued from 1 to 9: at order does blood flow around the body? Begin with the right atrium.	e	Class	Date
er 14: Maintaining the Body wy System—continued iron 1 to 9: at order does blood flow around the body? Begin with the right atrium. Arteries to lungs Right atrium Left atrium Veins from body tissues Veins from lungs Capillaries near body tissues Arteries to body tissues Right ventricle Left ventricle Don't let what you can't do interfere with what you can do. Wor can do.			tual Biology
Arteries to lungs Right atrium Left atrium Veins from body tissues Capillaries near body tissues Right ventricle Left ventricle	apter 14: Maintain Sulatory System—continued	ning the Body ^d	
Arteries to lungs Right atrium Left atrium Veins from body tissues Capillaries near body tissues Arteries to body tissues Right ventricle Left ventricle On't let what you can't do interfere with what you can do.	<i>ber from 1 to 9</i> : n what order does blood flo	ow around the body? Begin with the	right atrium.
Right atrium Left atrium Veins from body tissues Capillaries near body tissues Arteries to body tissues Right ventricle Left ventricle On't let what you can't do interfere with what you can do. Wou can do.	<u>3</u> Arteries to lu	ngs	
 Left atrium Veins from body tissues Capillaries near body tissues Arteries to body tissues Right ventricle Left ventricle 	1 Right atrium		
 Veins from body tissues Capillaries near body tissues Arteries to body tissues Right ventricle Left ventricle 	<u>5</u> Left atrium		
 Veins from lungs Capillaries near body tissues Arteries to body tissues Right ventricle Left ventricle 	Veins from bo	ody tissues	
Capillaries near body tissues Arteries to body tissues Right ventricle Left ventricle	Veins from lu	ings	
Arteries to body tissues Right ventricle Left ventricle	Capillaries ne	ear body tissues	
Right ventricle	Arteries to bo	ody tissues	
Left ventricle Don't let what you can't do interfere with what you can do.	Right ventricl	le	
Don't let what you can't do interfere with what you can do.	Left ventricle		
		Don't let do interf you can	t what you can't fere with what do.







a. <u>exhaling</u>



b. <u>inhaling</u>



