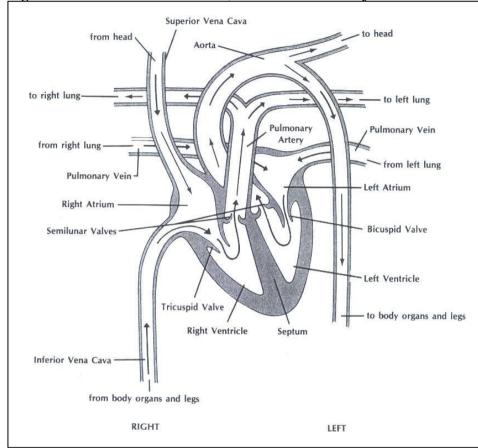
This worksheet will review some of the concepts covered in class in regards to the human heart. You will need to use your notes, the heart diagram we labeled in class along with Figure 1, below.

Figure 1: Shaded areas are muscle; unshaded areas are filled with blood.



Answer the following:		
The two receiving chambers for blood are the <u>(igh)</u> and left arrin		
The two discharging chambers for blood are the right, left venture		
The Septum separates the heart chambers.		
Using Figure 1, answer the following:		
The LEFT side of the heart RECEIVES blood FROM the longs		
The RIGHT side of the heart RECEIVES blood FROM the 38 dy		
The LEFT side of the heart PUMPS blood TO the body		
The RIGHT side of the heart PUMPS blood		

TO the lungs

In the table below, fill in whether the heart chamber/blood vessel listed contains oxygenated/deoxygenated blood

Heart Chamber or Blood Vessel	Oxygenated (O) / Deoxygenated (D)
Left Ventricle	0
Right Ventricle	lacksquare
Left Atrium	D
Right Atrium	0
Pulmonary Artery	0
Pulmonary Vein	D
Superior vena cava	n
Inferior vena cava	$ \mathfrak{D} $
Aorta	0

Use the table above along with *Figure 1* to answer the following:

1. The blood in the **LEFT** side of the heart is **oxygenated/deoxygenated.** Why is this logical?

oxygenated because blood is frush three

2. The blood in the RIGHT side of the heart is oxygenated/deoxygenated. Why is this logical?

Deoxygenated becouse it is going to the lungs

an oxygenated state in our circulatory system. V	Which change occurs in the
• Lung capillaries D	
o Explain why: Dumped	to the luny to get
- Oxyge	ennited
ν	
• Body capillaries	for lungs to the restel
of the	from lungs to the sested body to get deoxygenniel
4. Where does blood go AFTER it leaves the	
Right atrium <u>Light ventricle</u> Left atrium <u>left ventricle</u>	Aorta Body
Left atrium left Venticle	Superior vena cava Light atrium Inferior vena cava Right atrium
Right ventricle primming and lives	
Left ventricle <u>aufin</u>	Lungs pulmonay Vein
Pulmonary veins left atrium	Organs & legs Interior vena cava
Pulmonary arteries Ungs	Head Superior veny cava
V	
5. Where did the blood come from BEFORE it ent	tered the
Right atrium Interior	Aorta Ventsille
Left atrium pulmonary affics	Aorta <u>Ventrille</u> Superior vena cava <u>head</u>
Right ventricle Right action	Inferior vena cava legs
Left ventricle Left as five Pulmonary veins Wnys	Lungs Pulmony aftery
Pulmonary veins $\frac{\nu_{nys}}{}$	Organs & legs Q0/44
Pulmonary arteries Right ventricle	Head QDN44
, <u>J.</u> (
6. What could happen if a heart valve did not work	properly?
the blood would g direction and the	o in the work.
direction and the	Decsa will de
7. What is the difference between pulmonary and s	• • • • • • • • • • • • • • • • • • • •
•	_
Pulmonary-15 9k 0100	I goes only to your lungs
• • • • • • • • • • • • • • • • • • •	sod goes to you what
74 >74 mic - 13 1/2 0/6	sod goes to you what

3. Blood is changed from an oxygenated state to a deoxygenated state \mathbf{OR} from a deoxygenated state to

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