

Investigating the structure of the heart

Worksheet

Name:	Date:
Aim:	

Answer the following questions during the practical as you obtain your measurements:

Question	Answer
What was the weight of your animal heart?	
How thick was the wall of the left ventricle?	1.
	2.
	3.
How thick was the wall of the right ventricle?	1.
	2.
	3.

Heart health: A beginner's guide to cardiovascular disease

How many groups of fibrous cords are there in the left ventricle?	
How many groups of fibrous cords are there in the right ventricle?	
How many cusps does the left atrioventricular valve have?	
How many cusps does the right atrioventricular valve have?	

You can answer the following questions after the practical and post your results to the course site:

Calculate the average thickness of the left ventricle and right ventricle walls	Left:
	Right:
Calculate the ratio of the left and right ventricle wall thickness <i>HINT: Divide the thickness of the left ventricle wall by the thickness of the right ventricle wall i.e. Left/Right</i>	Left:
	Right:
Is the number of groups of fibrous cords the same or different on each side of the heart?	
Is the number of groups of fibrous cords and number of valvular cusps the same or different on each side of the heart?	