

Name: _____

EXERCISE TO PREPARE THE EXAM

YOU CAN OPEN YOUR BOOK OR SEARCHING

1. Copy and complete these sentences. Use these words:

Decrease

Increase

Into

Out of

When we breathe in, the muscles in the diaphragm and between the ribs _____ the volume of the chest. This makes air move _____ the lungs. When we breathe out, the muscles in the diaphragm and between the ribs _____ the volume of the chest. This makes air move the _____ lungs.

2. The diagram shows the human respiratory system.
complete the label by naming each of the parts show
on the diagram. Choose from these names.

Air sacs

Bronchiole

Bronchus

Diagram

Lung

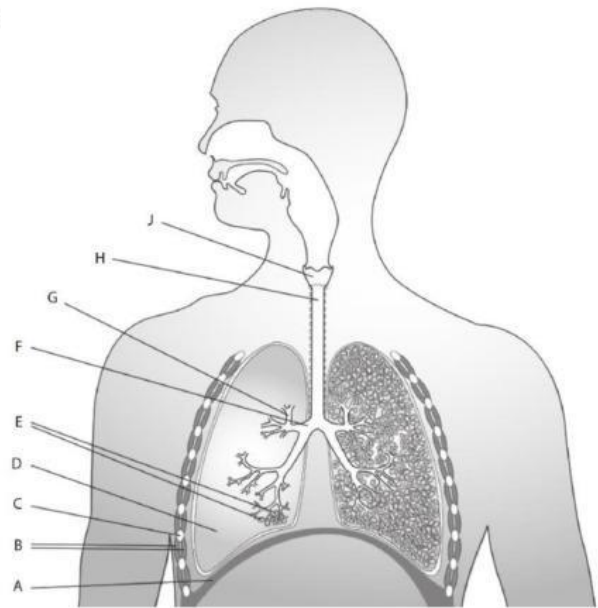
Larynx (Voice Box)

Rib

Trachea

Intercostal muscle

Letter	Name
A	
B	
C	
D	
E	
F	
G	
H	



3. Shofia and Zara fill the bottle with water. They turn the bottle upside down, with its open top in a large container of water. Marcus plays a wind instrument.

The girls ask Marcus to blow into the bottle as hard as he can. They use a scale to record how much water Marcus can push out of the bottle. They then test eight more musicians

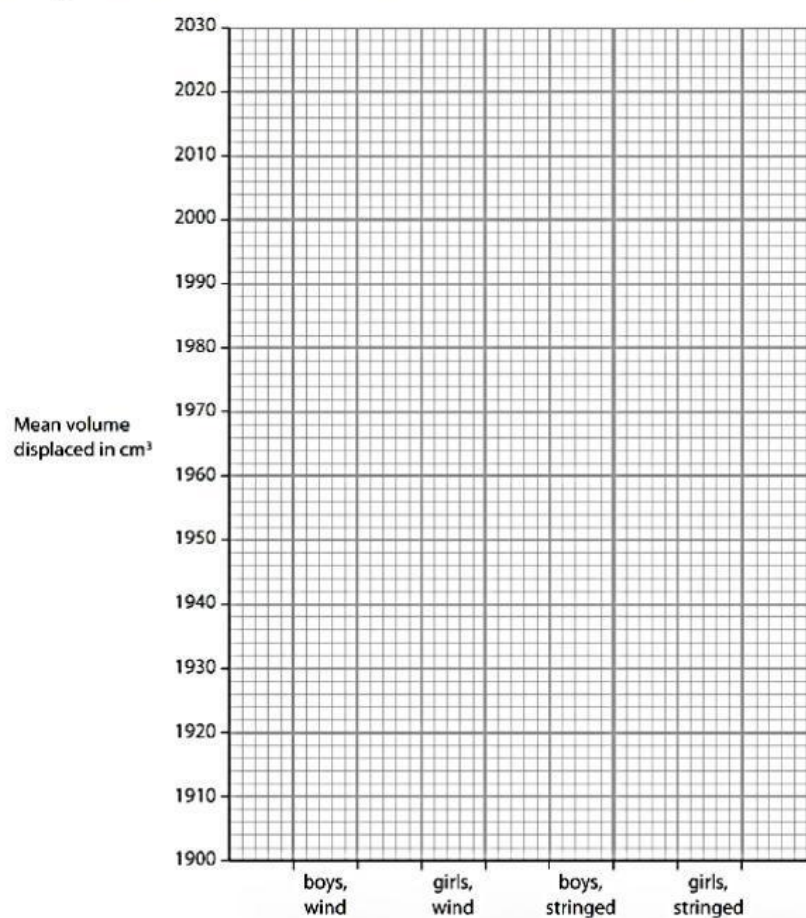
Here are the results that Sofia and Zara collect.



Complete Sofia and Zara's result table.

Person	Boy or Girl	Wind or String Player	Volume displaced in cm ³
1	Boy	Wind	2100
2			
3			
4			
5			
6			
7			
8			
9			

4. Complete the bar chart to show Sofia and Zara's results.



5. Sofia and Zara discuss what their results show.



a. Is Sofia right? Explain your answer.

b. Is Zara right? Explain your answer.

6. Complete this table.

Component of Blood	Characteristics	Function
Red Blood Cell		
White Blood Cell		
Plasma		