

Science (Single Award)
Biology
PAPER: 1B

Friday 7 June 2024 – Afternoon

Time: 1 hour 10 minutes

Diagram Booklet

THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

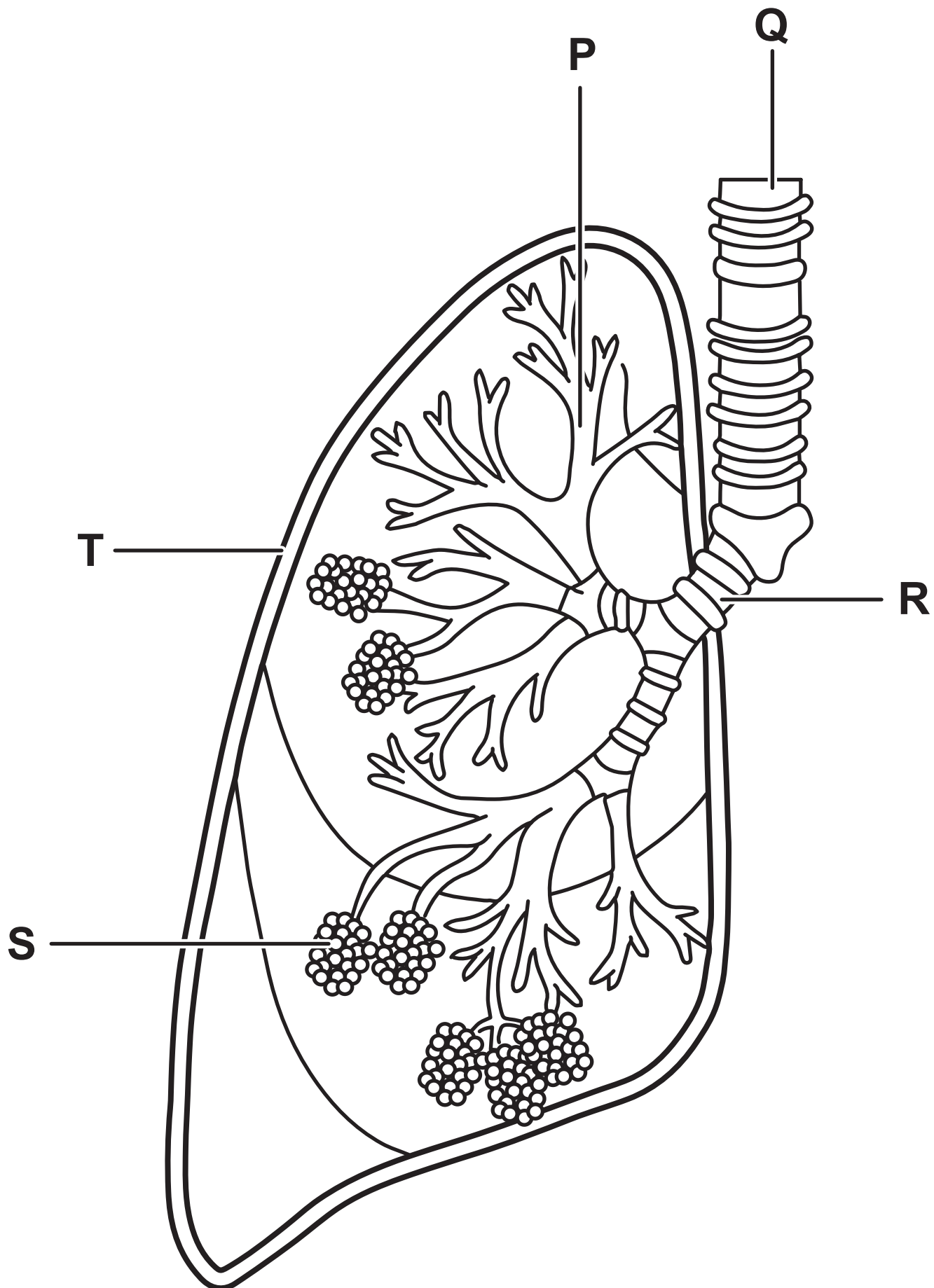
There may be spare copies of some diagrams in case you need them.

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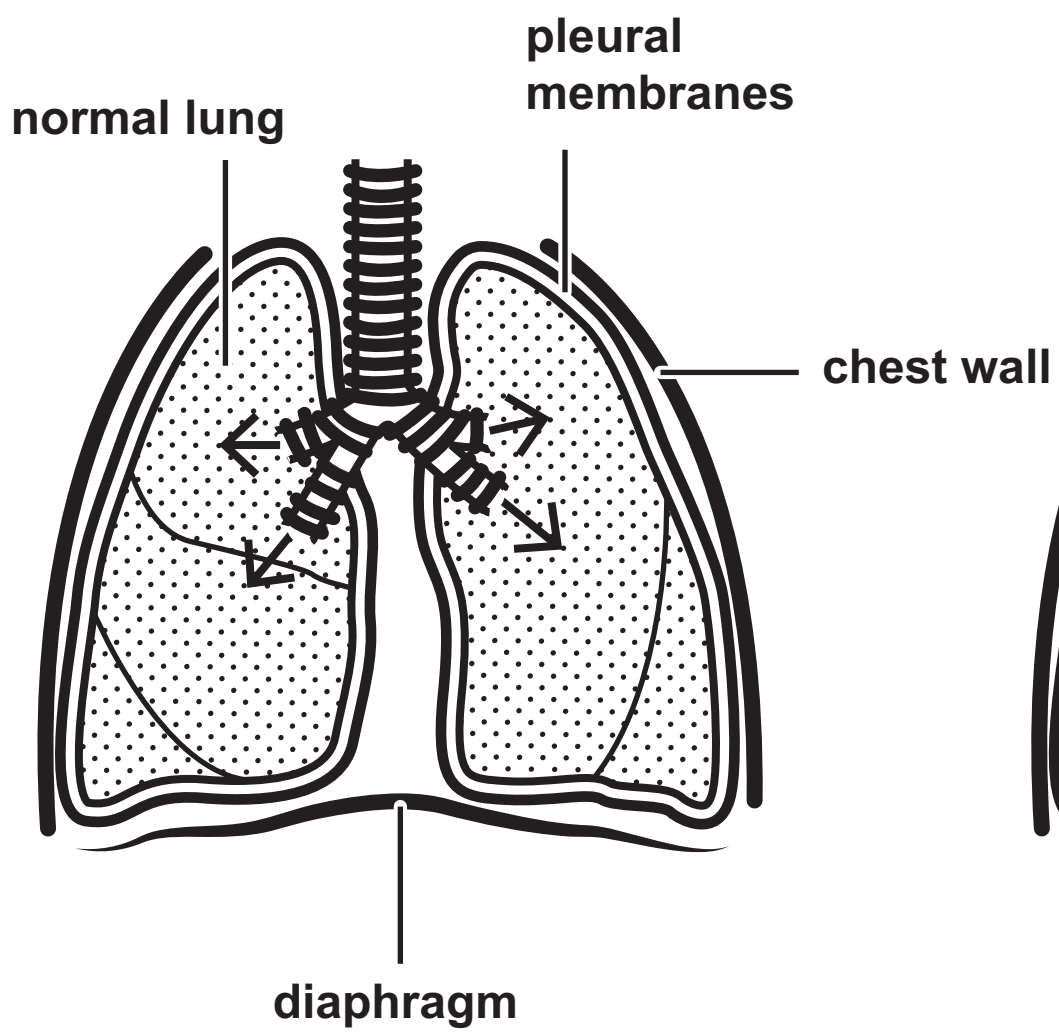
3	Question 1(a)
4	Question 1(b)
5	Question 2(a)
6	Question 3
7	Question 4(a)
8	Question 4(c)
9	Question 5

Question 1(a)

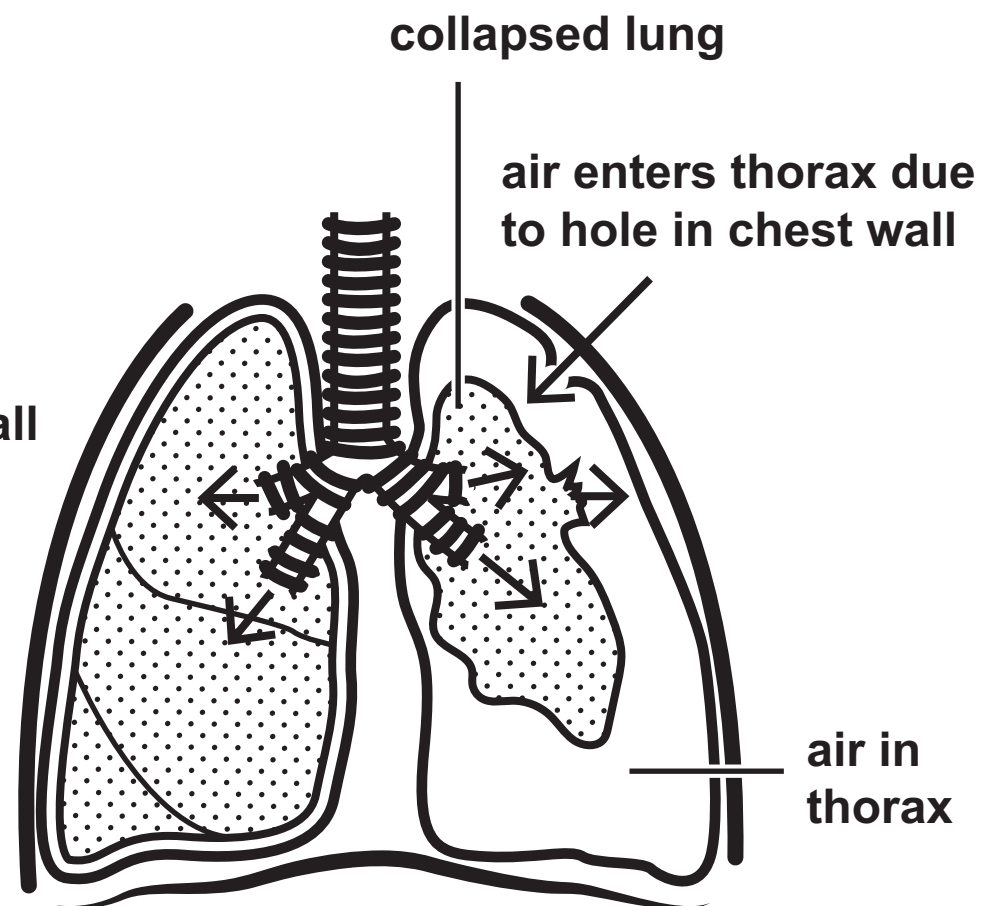


Question 1(b)

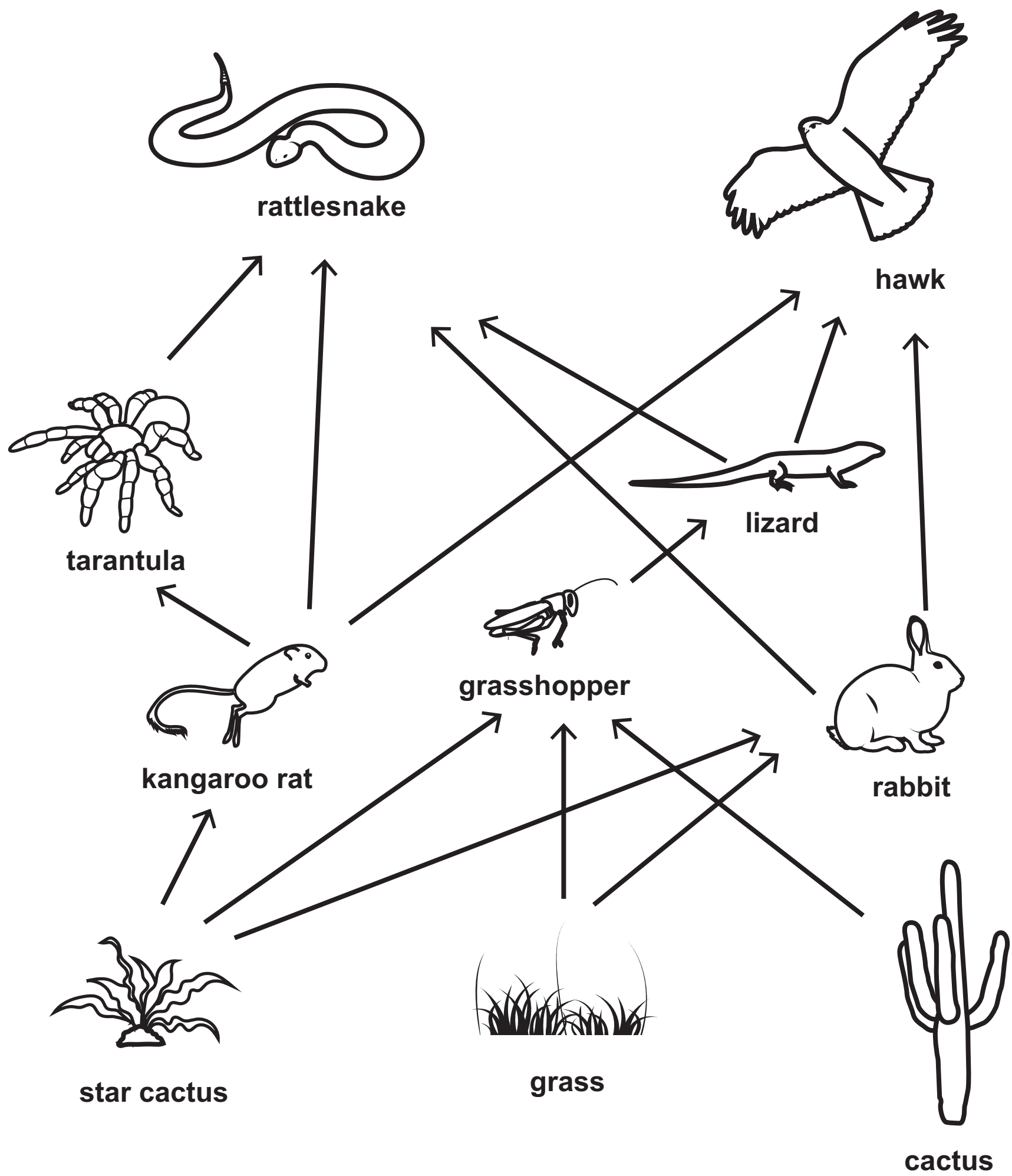
HEALTHY LUNGS



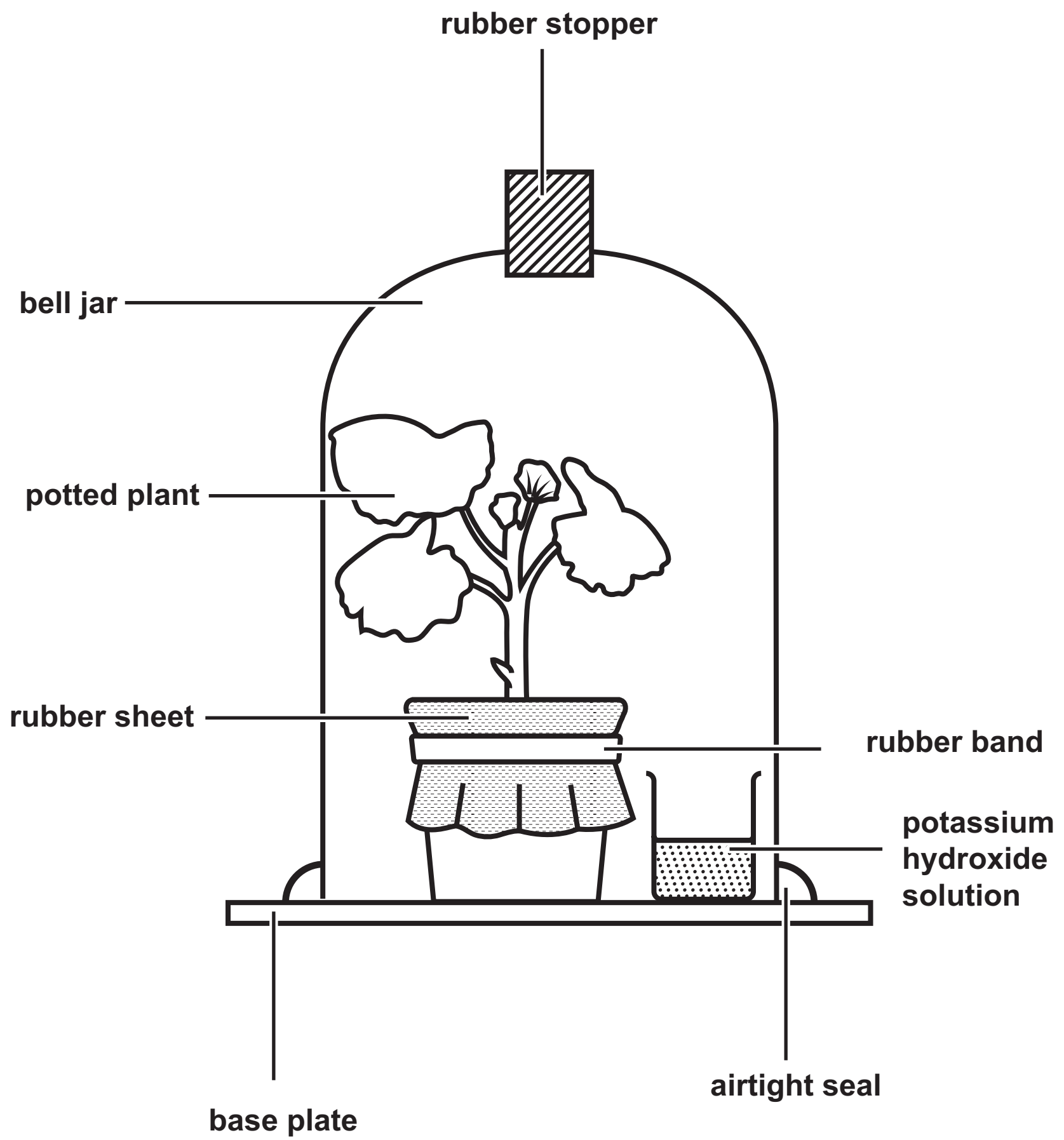
PNEUMOTHORAX



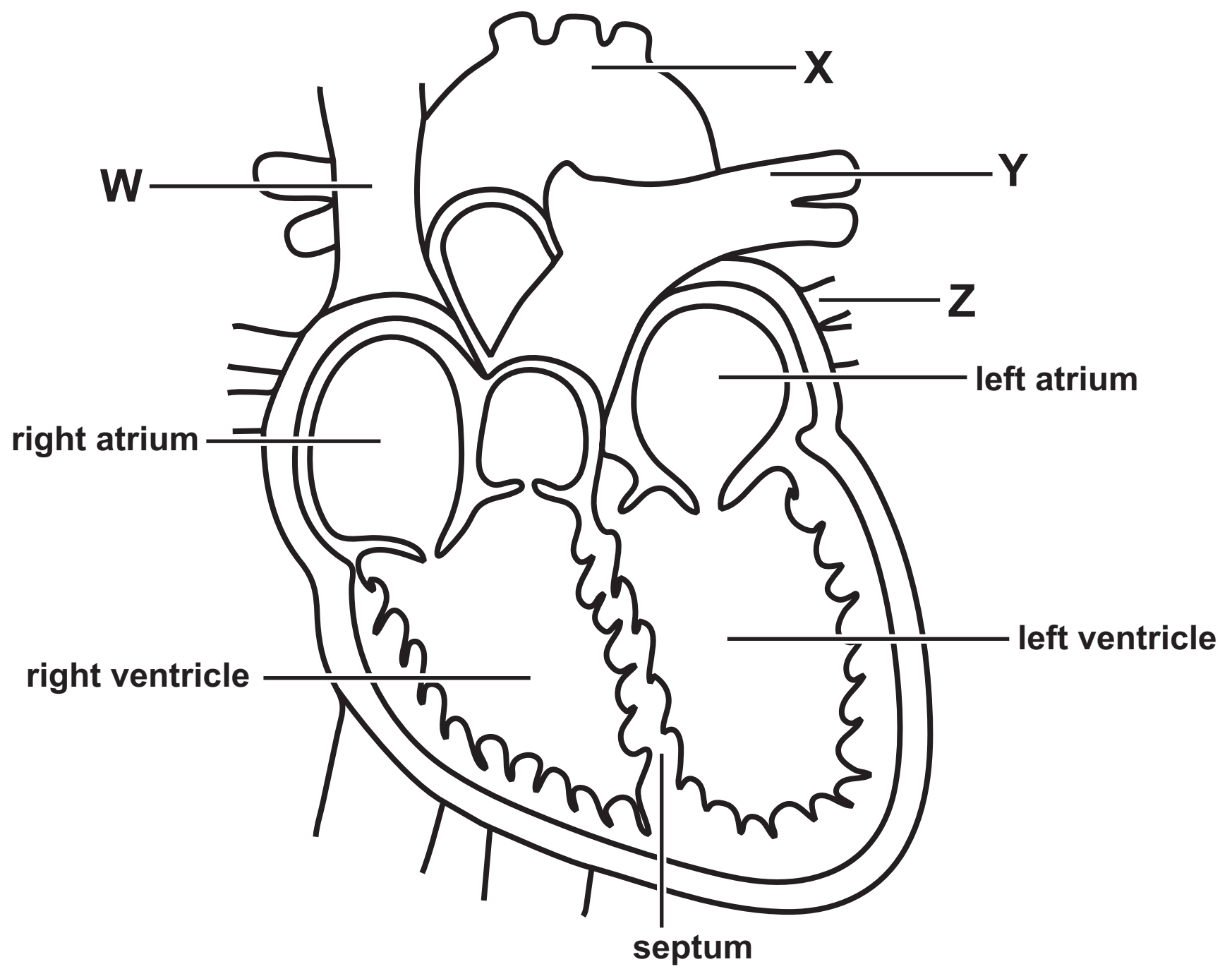
Question 2(a)



Question 3

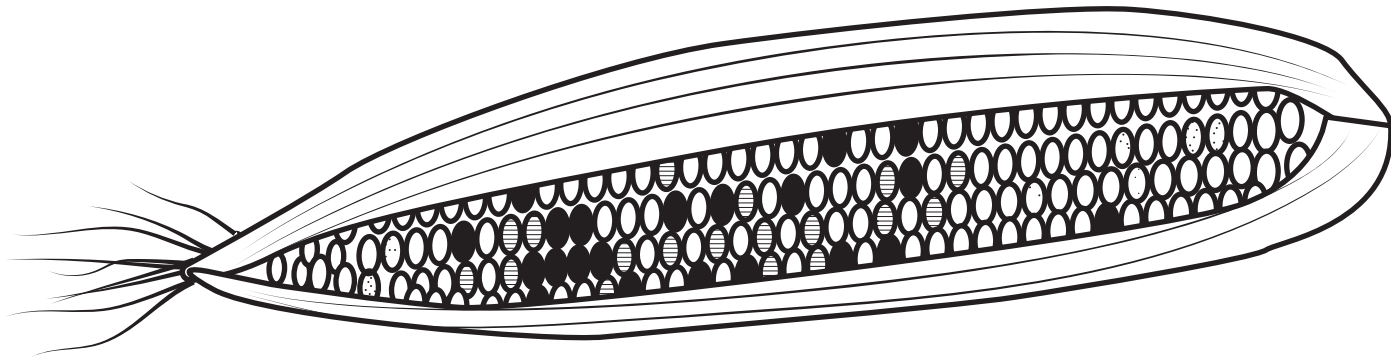


Question 4(a)



Question 4(c)

Group	Risk factor for heart disease		Risk factor for strokes	
	men	women	men	women
non-smokers	1·00	1·00	1·00	1·00
smoked one cigarette per day	1·74	2·19	1·30	1·46
smoked 20 cigarettes per day	2·27	3·95	1·56	2·42

Question 5

Question 1(a)

(Source adapted from: <https://www.shutterstock.com/image-vector/brochiole-alveoli-diagram-lungs-clipartline-art-1815242549>)

Question 1(b)

(Source adapted from: <https://www.shutterstock.com/image-vector/human-lungs-pneumothorax-hemothorax-hemopneumothorax-1405120004>)

Question 4

(Source: <https://www.shutterstock.com/image-vector/heart-anatomy-cross-section-outline-vector-561719803>)

Question 5

(Source: <https://www.shutterstock.com/image-photo/purple-corn-studio-shoot-white-background-145326139>)