

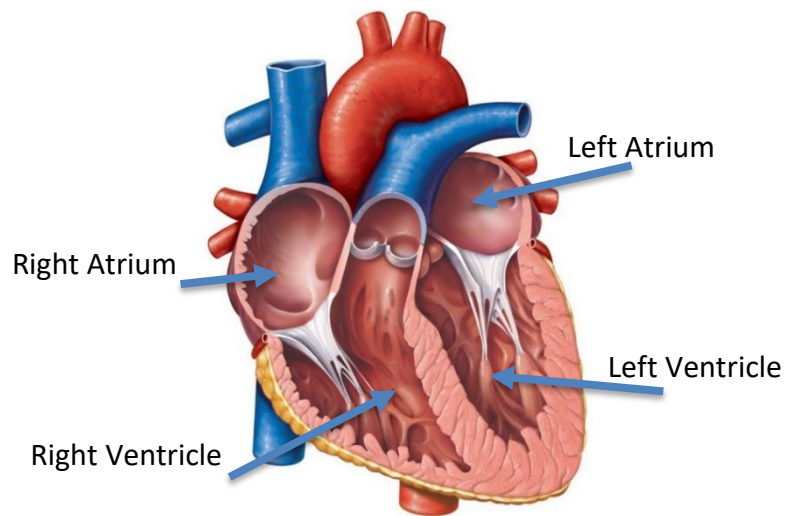
Anatomy Week 4: Cardiovascular and Respiratory System

Activity and Quiz KEY

Label the internal parts of the heart.

Use the following terms and write the letter of the correct answer on the blank:

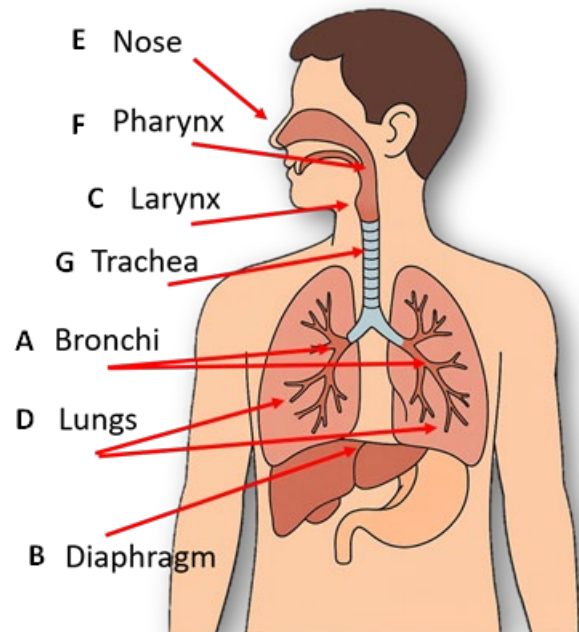
- A. Left Atrium
- B. Right Ventricle
- C. Right Atrium
- D. Left Ventricle



Label the respiratory system.

Use the following terms and write the letter of the correct answer on the blank:

- A. Bronchi
- B. Diaphragm
- C. Larynx
- D. Lungs
- E. Nose
- F. Pharynx
- G. Trachea



Note: For older students, consider letting them write out the words on the blanks rather than just the letter of the answer for both of the above exercises!

Watch these videos!

- The Beating Heart:
<https://iframe.mediadelivery.net/play/479549/47cfe2cb-c4ed-4c6b-ab50-621c99ce2b45>
- The Electrical Heart:
<https://iframe.mediadelivery.net/play/479549/cad0ad51-c990-4c0d-92a4-7b3a49e4b995>
- The Branching of Blood Vessels:
<https://iframe.mediadelivery.net/play/479549/01880d89-d45b-48a2-9fb8-2f3e52f38f66>
- The Flow of Blood
<https://iframe.mediadelivery.net/play/479549/008935d3-108a-48a2-804e-eb62ef60f63e>

Pre-Assessment Quiz: Cardiovascular and Respiratory System

1. What is the main job of the cardiovascular system?
A. To help you breathe
B. To move blood that carries oxygen and nutrients
C. To move blood that carries oxygen and nutrients
D. To digest food
2. What organ acts as the pump of the cardiovascular system?
A. Lungs
B. Heart
C. Brain
D. Kidneys
3. Which blood vessels carry blood away from the heart?
A. Veins
B. Arteries
C. Capillaries
D. Valves
4. Which blood vessels connect arteries and veins?
A. Arterioles
B. Valves

C. Capillaries

D. Nerves

5. What helps push blood through veins back toward the heart?

A. Bones

B. Air pressure

C. Muscle movement and valves

D. Sunlight

6. Where is your heart located?

A. In your left hand

B. Behind the sternum between your lungs

C. In your brain

D. In your stomach

7. What is the main job of the respiratory system?

A. To help you breathe and get oxygen

B. To move food through your body

C. To pump blood

D. To protect your bones

8. What happens when you breathe in (inhale)?

A. Carbon dioxide leaves your body

B. Oxygen enters your body

C. Your heart stops

D. Your lungs shrink

9. Which muscle helps you breathe by moving up and down?

A. Heart

B. Arm muscle

C. Diaphragm

D. Tongue

10. What do the lungs and heart do together?

A. Make food for your cells

B. Carry oxygen to all parts of your body

C. Control your balance

D. Pump stomach acid