

## ANATOMY HUB



**QUESTION**  
The trachea is supported by cartilaginous rings. What is the purpose of these rings?

**ANSWER**  
The cartilaginous rings in the trachea provide structural support to keep the airway open, preventing it from collapsing during inhalation and exhalation.

**QUESTION**  
What is the primary function of the diaphragm in the respiratory system?

**ANSWER**  
The primary function of the diaphragm is to facilitate the process of breathing by contracting and relaxing to change the volume of the thoracic cavity, allowing air to enter and exit the lungs.