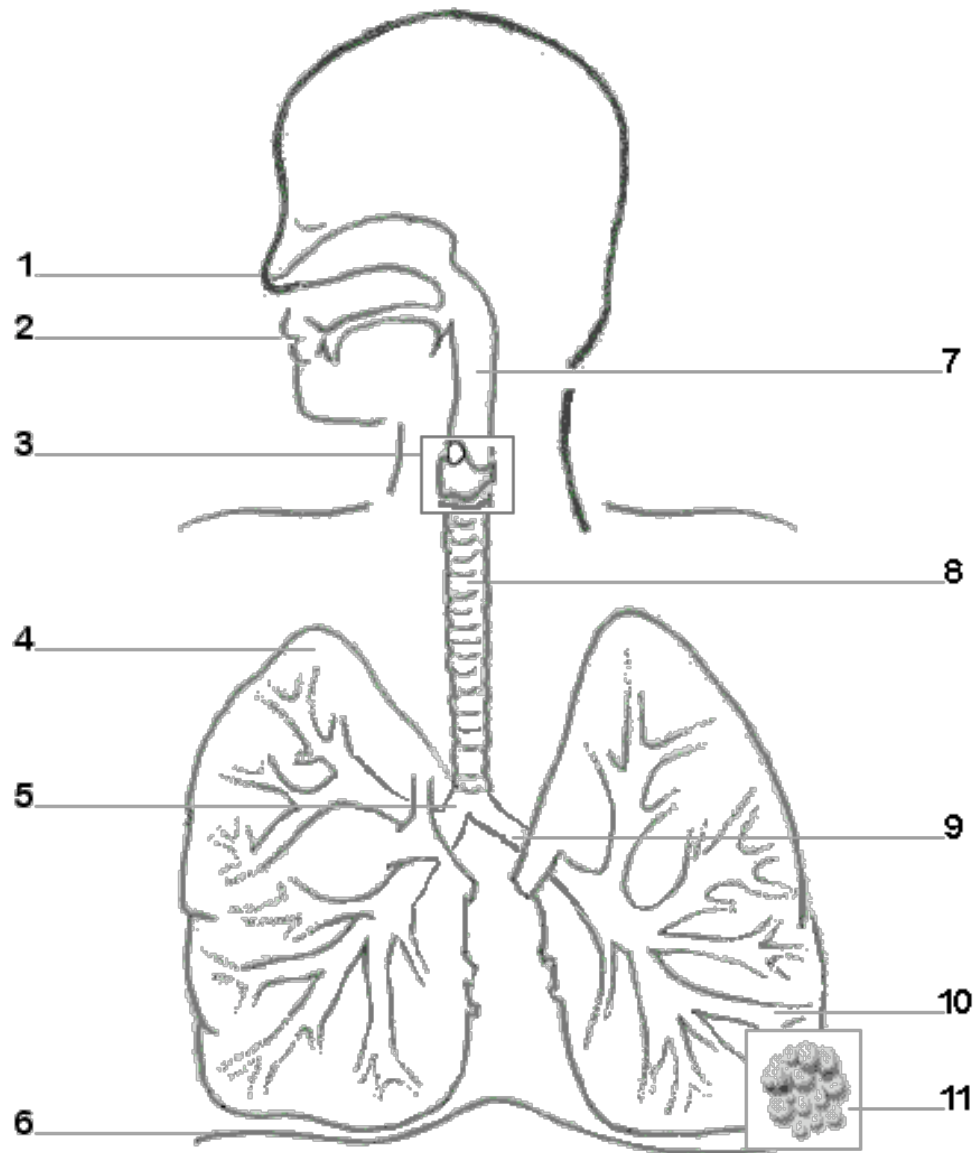


## The Respiratory System

Using **Figure 2.31** and Figure 2.32 on **page 90** and **91** of your text book as a guide label the diagram below



2. What is the main tube connecting the mouth to the lungs?

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March 7, 2011

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3. Which muscle plays a main role in breathing?

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4. In which structures does gas exchange occur?

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5. What are the main organs of the respiratory system?

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6. Why is the respiratory system important to humans?

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# The Respiratory System

## Across

- 3. the passage leading from the pharynx to the lungs
- 4. The trachea divides into the two main tubes
- 5. process that brings oxygen into your body
- 7. bones supporting and protecting the chest cavity
- 8. ARTERY blood is brought to the lungs by the (blood vessel)
- 11. blood vessels that are imbedded in the walls of the alveoli
- 13. is a flap of tissue that guards the entrance to the trachea
- 14. the very small air sacs that are the destination of air breathed in
- 15. collects incoming air from the nose and passes it downward to the trachea

## Down

- 1. The smallest subdivisions of the bronchi are called
- 2. CAVITY the preferred entrance for outside air into the Respiratory System
- 6. the passage leading from the mouth and throat to the stomach
- 9. the strong wall of muscle that separates the chest cavity from the abdominal cavity
- 10. The bronchial tubes are lined with
- 12. contains the vocal cords