

**Investigation 3.8B: Respiratory System**

Dr. \_\_\_\_\_

**Worksheet 3.8**

P:\_\_\_ Date:\_\_\_\_\_

1. Air enters the respiratory system by way of the \_\_\_\_\_ and \_\_\_\_\_.
2. The \_\_\_\_\_ covers the trachea and protects the airway from food and liquids from the mouth.
3. The lungs are located in the \_\_\_\_\_.
4. Air travels to the lungs by moving through the \_\_\_\_\_.
5. When air first enters the lungs it goes to the \_\_\_\_\_.
6. From the bronchi the air then moves to the \_\_\_\_\_.
7. Oxygen is exchanged for carbon dioxide in the \_\_\_\_\_.
8. The lining covering the lungs is the \_\_\_\_\_.
9. What provides the energy for inspiration (breathing in)?  
\_\_\_\_\_  
\_\_\_\_\_
10. What happens to allow us to exhale air from our lungs?
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
11. Name three ways we might expose our lungs to toxic smoke.
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
12. Pretty much everyone who smokes for many years will end up suffering from \_\_\_\_\_.(disease)

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13. What type of patient is a "Pink Puffer"? \_\_\_\_\_

14. Many people who smoke for many years end up with what diseases?

\_\_\_\_\_  
\_\_\_\_\_

15. Tar in cigarettes is considered a \_\_\_\_\_, which means it can cause cancer.

16. Children exposed to second hand smoke and other air-toxins can develop \_\_\_\_\_.

17. Name two methods by which infectious diseases are spread:

\_\_\_\_\_  
\_\_\_\_\_

18. Name four organisms that can transmit infectious diseases by insect bites:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

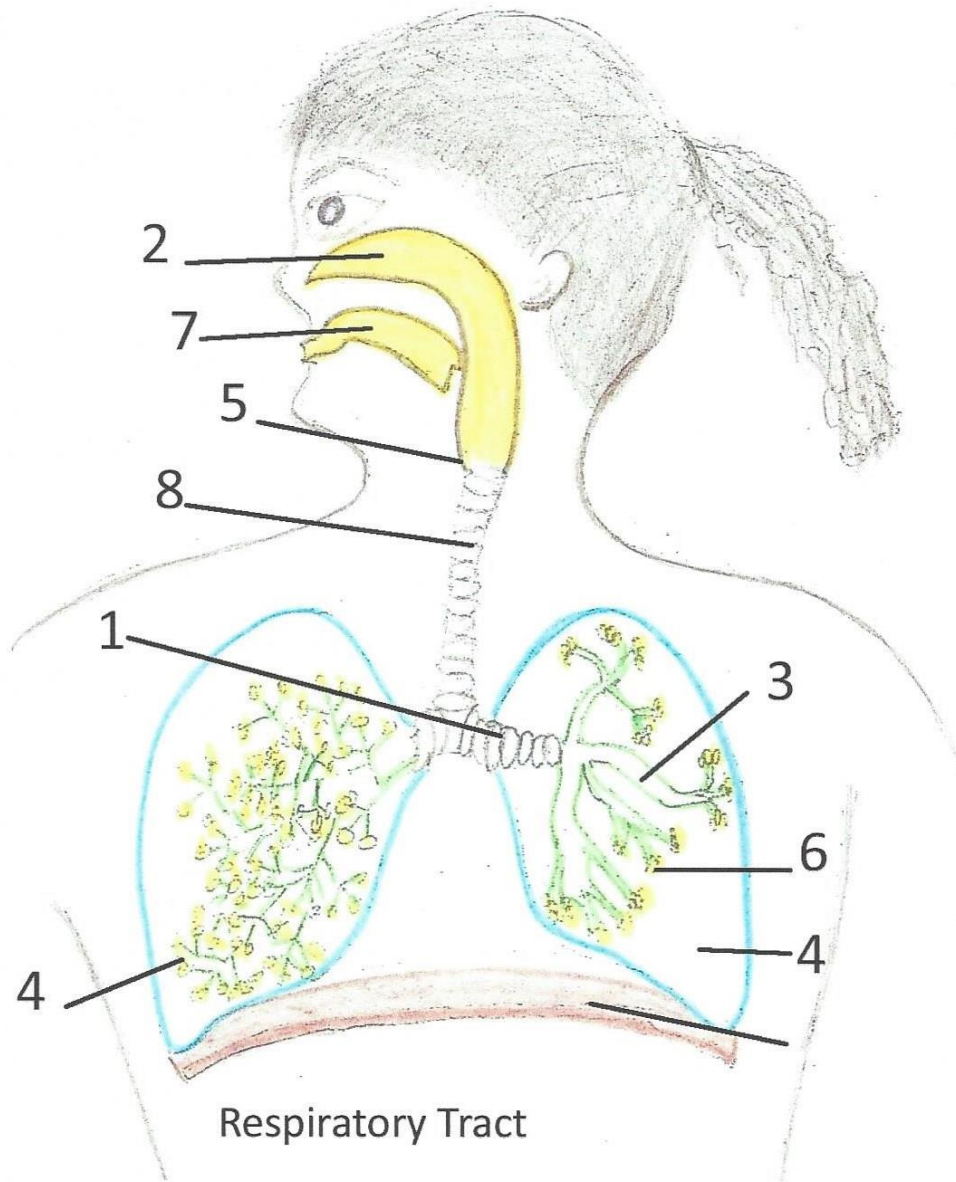
19. What are four organisms that can cause food poisoning?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

20. What are three things from the list of food poison prevention that your family might consider changing?

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_

Directions: Write the names of the structures of the respiratory tract next to the number below the diagram.



1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_