

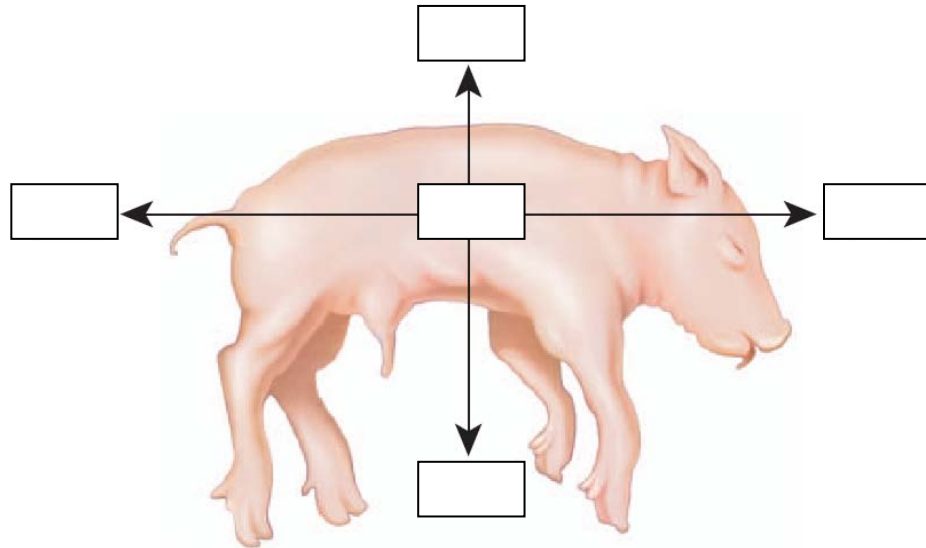
Name _____

Date _____

Fetal Pig Dissection Test

1. Label the anatomical positions

Dorsal (superior), Posterior (caudal), Lateral, Anterior (cephalad), Ventral (inferior),



2. What are the *nares*?

- | | |
|----------------------|-----------|
| 1. Ears | c. Tongue |
| 2. External nostrils | d. Teeth |

3. What are the *pinnae*?

- | | |
|----------------------|-----------|
| 1. Ears | c. Tongue |
| 2. External nostrils | d. Teeth |

4. What is the *masseter* muscle used for?

5. Draw a picture that shows the *soft palate* and the *hard palate* in the mouth.

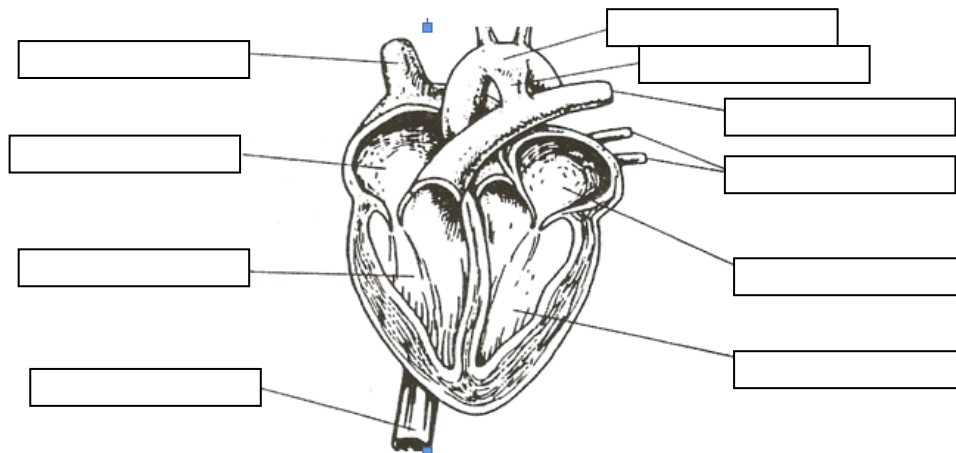
6. What is the purpose of the epiglottis?

7. What is the name of the thin tissue that lines the body cavity?

8. Which organ separates the thoracic and abdominal body cavities and raises the lungs up and down?
1. Liver
 2. Gall bladder
 3. ribs
 4. diaphragm
9. Which organ transports food and liquid to the digestive tract?
1. Trachea
 2. Esophagus
 3. lungs
 4. diaphragm
10. What is the purpose of *rugae* in the stomach?
11. A pig has a _____ (monogastric/ ruminant) digestive system.
12. What is the name of the structure that is a ring shaped muscle that controls food leaving and entering the stomach?
13. What is the *pericardium*?
1. Thin tissue that lines body cavities
 2. The heart tissue
 3. Thin tissue that surrounds the heart
 4. Fluid inside the heart
14. From the mouth to the lungs, what is the order that air passes through the structures in the respiratory system?
1. Bronchi, bronchioles, trachea, alveoli
 2. Trachea, alveoli, bronchi, bronchioles
 3. Alveoli, bronchioles, bronchi, trachea
 4. Trachea, bronchi, bronchioles, alveoli
15. Which structure is the voice box?
1. Pharynx
 2. Larynx
 3. Trachea
 4. Pleura
16. How many chambers are in the pig's heart?

17. Label the diagram

Right ventricle, left ventricle, right atrium, left atrium, aorta, ductus arteriosus, pulmonary artery, pulmonary veins, anterior vena cava, posterior vena cava



18. Why do fetal pigs have a *ductus arteriosus*?

19. What do the kidneys do?

- | | |
|----------------------------|------------------------------|
| 1. Add oxygen to the blood | c. filter waste from blood |
| 2. Remove oxygen from bile | d. they have no real purpose |

20. Which structure carries urine from the bladder to the urogenital opening?

- | | |
|------------|---------------------|
| 1. Urethra | c. Umbilical artery |
| 2. Ureters | d. Vas deferens |

21. Where are sperm produced?

22. How many ovaries does a pig usually have?

23. List the organs sperm passes through from beginning to end. There are 5.

24. List the organs the egg/ fetus passes through from beginning to end. There are 5.

25. Identification:

- | | |
|-----|-----|
| 1. | 11. |
| 2. | 12. |
| 3. | 13. |
| 4. | 14. |
| 5. | 15. |
| 6. | 16. |
| 7. | 17. |
| 8. | 18. |
| 9. | 19. |
| 10. | 20. |