

4-H Swine

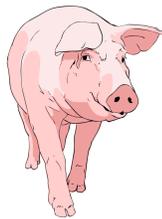
Union County
Record Sheet
A Grade 12

Name: _____ 4-H Club _____

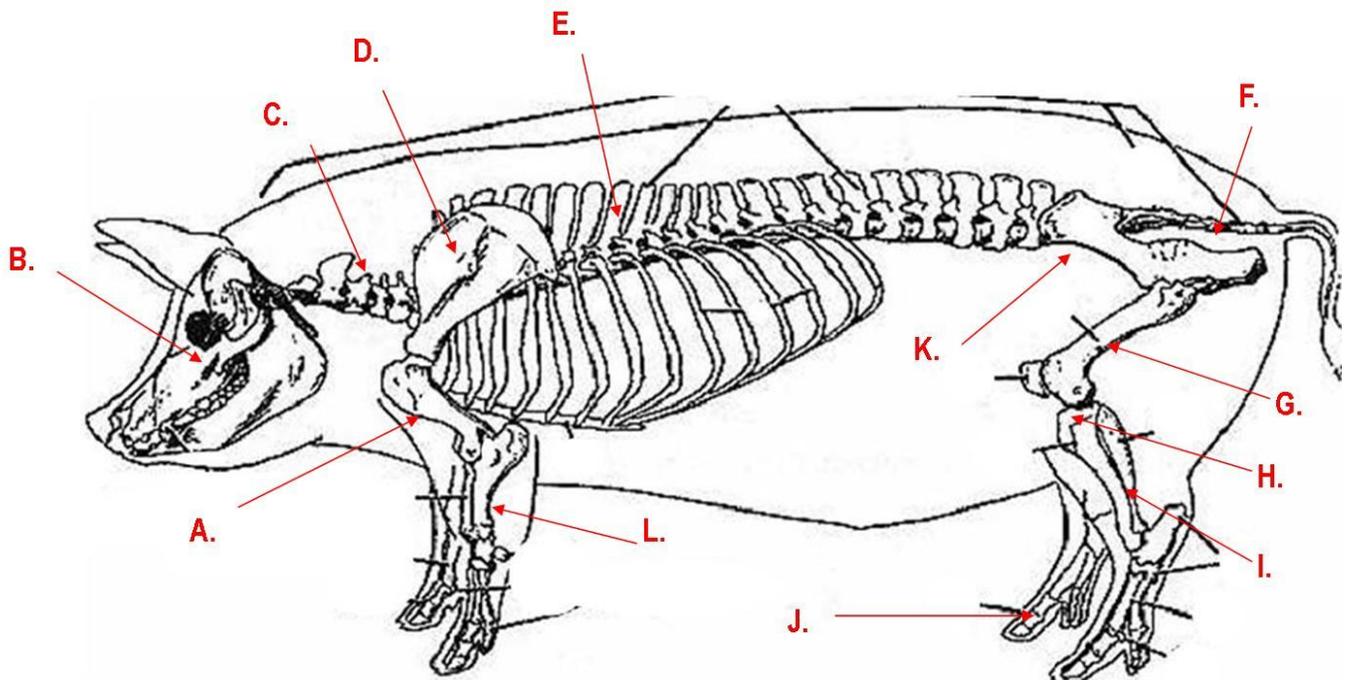
Leader Signature: _____ Date: _____

1. List three breeds of swine that are considered maternal breeds, (known for their mothering ability). _____
2. Label the bones indicated on the pig skeleton below.

- a. _____
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____



- g. _____
- h. _____
- i. _____
- j. _____
- k. _____
- l. _____



3. What anatomical feature is utilized to determine the reproductive soundness of a gilt? _____

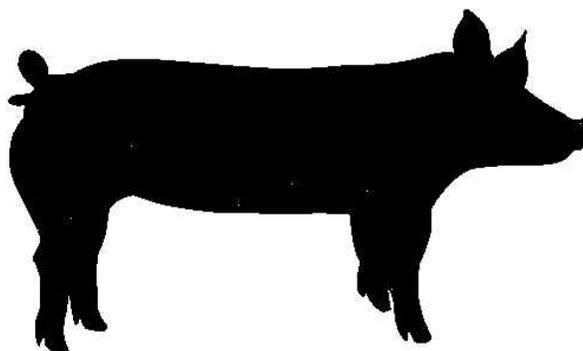
4. List five important characteristics to look for in an ideal breeding gilt. _____

5. When selecting replacement breeding gilts at 180 pounds, save _____ more than needed for breeding.
6. Boars should be selected and purchased at _____ months of age, and at least _____ months before intended breeding.
7. Which gland secretes luteinizing hormone (LH) and follicle stimulating hormone (FSH)? _____

8. Name three functions of the hypothalamus in the male pig in the reproductive process. _____

9. The location of a gene on a chromosome is called the _____.
10. The drop in performance due to a decrease in non-additive value resulting from mating related animals is called _____.
12. What is the duration of ovulation in sows and gilts? _____
13. What is the life span of sperm cells in the oviduct? _____
14. What procedure can be utilized to make artificial insemination more efficient? _____

15. What type of environment should be maintained in the farrowing house? _____



Horses, cats, and dogs are not required to complete numbers 2 and 3.

Animals Owned

Animals Name	Breed	Sex	Date of Birth	Date Obtained

1. Expenses for the Animal(s)

Animal(s) *if purchased* \$ _____
 Feed \$ _____
 Bedding \$ _____
 Vet \$ _____

Total Expenses \$ _____

2. Income from Animal(s) *market animals sold* \$ _____

Estimated value of animal to be sold in 4-H Auction \$ _____

Total Income \$ _____

3. Value of breeding animals

Value of your cat or dog

Asset Value \$ _____

\$ _____

Net Profit / Loss \$ _____

Member Signature: _____

Parent Signature: _____

Leader Signature: _____