

4-H Swine

Union County
Record Sheet
A Grade 10

Name: _____ 4-H Club _____

Leader Signature: _____ Date: _____

1. Name four benefits to becoming involved in the 4-H swine project: _____

2. Which city became such a major pork processing center in the 1860's, that it was known as "Porkopolis"? _____

3. Every market hog should have its carcass evaluated for what four important traits? _____

4. What primarily determines the value of a market hog at slaughter? _____

5. Which pork by-product ranks second only to meat in the important contributions hogs make to society? _____

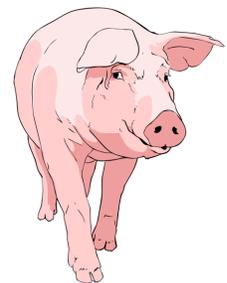
6. How many grams of fat does a 3 oz. broiled pork tenderloin have compared to the same size beef tenderloin? _____

7. _____ is a result of metabolism of carbohydrates and fats that are in a pig's diet.

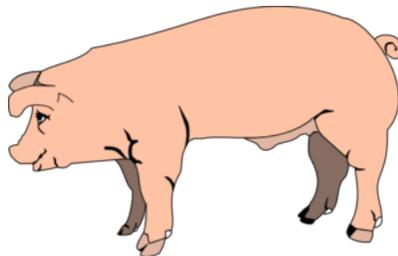
8. Compounds that assist the body in the assimilation and use of the other nutrients are called: _____

9. Match the following feed ingredients with their nutrient group.

- | | | |
|------------------------|--------------------------|-------------|
| _____ Bone Meal | _____ Fish Meal | a. Energy |
| _____ Buckwheat | _____ Molasses | b. Minerals |
| _____ Corn | _____ Soybean Meal | c. Protein |
| _____ Dried Whey | _____ Trace Mineral Salt | d. Vitamins |
| _____ Ground Limestone | _____ Urea | e. Water |



10. Requirements for breeding gilts for vitamins and minerals are _____ than those of grower and finisher pigs.
11. This disease is an inflammation of the mucous membranes that line the pig's nose: _____
12. This chronic disease affects pigs of all ages starting with those as young as 10 days, but signs of the disease are often not noticed until after 3 months of age. _____
13. This is a highly contagious viral disease characterized by vomiting, diarrhea and nearly 100% mortality in pigs less than 2 weeks old. _____
14. Illnesses that can be transmitted between humans and animals are called: _____
15. A sound genetic improvement program should include what four features? _____
16. What is a chromosome? _____
17. How many chromosomes does a pig have? _____
18. EPD stands for _____
19. List three important genetic abnormalities: _____
20. What is the gestation period for a sow? _____



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: _____