

# PURDUE EXTENSION BOONE COUNTY

## 4-H SWINE WORKSHEETS

Grade 10-A



Name: \_\_\_\_\_

Grade: \_\_\_\_\_

Club Name: \_\_\_\_\_

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

Answers can be found in the OSU Swine Resource Handbook – 4-H 134R.

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? \_\_\_\_\_