

PURDUE EXTENSION BOONE COUNTY

4-H SWINE WORKSHEETS

Grade 11-A



Name: _____

Grade: _____

Club Name: _____

Date: _____

1. Organizations that maintain registration and performance records for the breeds are called_ _____

2. What are 5 points to consider in appraising muscling in a hog? _____

3. _____ is the best indicator of total fatness of hogs, six other areas which are good indicators of excess fat are: _____

4. What breed of swine has the Napole Gene been associated with? _____
5. How big is the average loin muscle in swine? _____
6. Match the pharmaceutical by products with the organ or gland they are derived from:

Cortisone

a. Adrenal Glands

Estrogens

b. Blood

Heparin

c. Intestines

Insulin

d. Ovaries

Oxytocin

e. Pancreas Gland

Pepsin

f. Pituitary Gland

Plasmin

g. Skin

Porcine Burn Dressings

h. Stomach

Thyroxin

i. Thyroid Gland

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

7. List five of the nutrients that can be found in a 3 ounce serving of pork: _____

8. Pigs need amino acids for the formation of _____ and other _____
_____.
9. List five of the ten essential amino acids that must be provided in swine diets: _____

10. What are the three macrominerals needed by the body? _____

11. What is the preferred range for the thermal condition for growing and finishing swine?
Growing: _____ Finishing: _____
12. What records are an important requirement of a swine enterprise? _____

13. What are three advantages to becoming involved in the raising and breeding of swine? .

14. What are the three areas of a gilt that should be considered in a soundness evaluation?

15. What are three examples of quantitative genetic traits? _____

16. Name three signs of estrus in gilts or sows. _____

17. What is the average range of the duration of estrus in swine? _____
18. What is the water requirement for a gestating sow each day? _____
19. What are the main differences between farrowing crates and pens? _____

20. What are three tips to reducing the stress of weaning pigs? _____
