

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? _____
