

PURDUE EXTENSION BOONE COUNTY

4-H SWINE WORKSHEETS

Grade 11-C



Name: _____

Grade: _____

Club Name: _____

Date: _____

1. How did hogs earn the title of "Mortgage Lifter" in the 1800's? _____

2. What does PSS stand for? _____
3. Why do females with PSS often have trouble farrowing? _____

4. When considering the structure of the hog, desirable movement can best be described as what? _____

5. The value of a market hog at slaughter is determined primarily by: _____

6. Define percentage of lean: _____

7. Calculate the percent carcass lean for a 265 pound (live weight) hog with 190 pound carcass weight and 100 pounds estimated lean. _____

8. Pigs with a high rate of lean growth convert _____ into _____ more efficiently. This results in _____ and _____
_____.
9. Define marbling: _____
How much marbling is acceptable? _____

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

10. Why do muscles that are too dark have a shorter shelf life? _____

11. Match the pharmaceutical by products with the organ or gland they are derived from.

- | | |
|--------------------|--------------------|
| _____ Blood Fibrin | a. Adrenal Glands |
| _____ Calcitonin | b. Blood |
| _____ Cholesterol | c. Brain |
| _____ Epinephrine | d. Intestines |
| _____ Lipase | e. Ovaries |
| _____ Melatonin | f. Pancreas Gland |
| _____ Mucin | g. Pineal Gland |
| _____ Prolactin | h. Pituitary Gland |
| _____ Relaxin | i. Stomach |
| _____ Secretin | j. Thyroid Gland |

12. Feed represents _____ percent of the total cost of pork production.

13. The loss of an animal can be stressful both _____ and _____.

14. When weaning pigs follow these tips:

- a. Wean pigs weighing over _____ pounds.
- b. For 3 week old pigs, provide an environmental temperature of _____.
- c. Group pigs according to _____ and _____.
- d. Limit numbers in a pen to _____ or _____ if possible.

15. When considering nursery facilities, how can building and equipment costs be kept to a minimum? _____

