

# PURDUE EXTENSION NOBLE COUNTY

## 4-H DAIRY WORKSHEETS

Grade 12-D



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

4-H Club: \_\_\_\_\_

Leader Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Genetics & Dollars in Dairying: Please write the correct answer on the line provided to correctly complete the statement.**

1. What is the study of genetics? \_\_\_\_\_  
\_\_\_\_\_
2. What is a balance sheet? \_\_\_\_\_  
\_\_\_\_\_
3. What is heritability? \_\_\_\_\_  
\_\_\_\_\_
4. What reports are available from DHIA?
  - A. \_\_\_\_\_
  - B. \_\_\_\_\_
  - C. \_\_\_\_\_
5. List four linear traits that are of economic importance to a dairy operation.
  - A. \_\_\_\_\_
  - B. \_\_\_\_\_
  - C. \_\_\_\_\_
  - D. \_\_\_\_\_
6. DHIA records may be used to increase profitability by:
  - A. \_\_\_\_\_
  - B. \_\_\_\_\_
  - C. \_\_\_\_\_
  - D. \_\_\_\_\_
  - E. \_\_\_\_\_
7. List and explain the three main selective mating systems.
  - A. \_\_\_\_\_
  - B. \_\_\_\_\_
  - C. \_\_\_\_\_
8. A dairy farms primary income comes from \_\_\_\_\_.

Answers can be found in the OSU Dairy Resource Handbook – 4-H 127R.

