

PURDUE EXTENSION BOONE COUNTY

4-H Rabbit WORKSHEETS

Grade 12-B



Name: _____

Grade: _____

Club Name: _____

Date: _____

1. **Rabbit Markets:** List the four major markets for rabbits:

Market	What should you consider about this market before going into the business?

2. **Careers:** List 4 possible rabbit related careers. Tell what you would like about each? What about it would appeal to you?

Career	What appeals to you or would you like?

3. **Quality Assurance:** What are the 4 factors to rabbit Quality Assurance and explain each:

Factor	Description

Answers can be found in the OSU Rabbit Resource Handbook – 4-H 228R.

4. **Breeding:** What are four of the challenges associated with breeding of rabbits?

a. _____

c. _____

b. _____

d. _____

5. **Genetics** – answer the following:

a. Define genetics: _____

b. Define heredity: _____

c. How many chromosomes are in each cell of the rabbit: _____ or _____ pair.

d. How many chromosomes come from the doe: _____

e. How many chromosomes come from the buck: _____

f. XX chromosome means what sex: _____

g. XY chromosome means what sex: _____

h. It is the chromosome from which parent that determines the sex of the kit: _____

6. **Vocabulary:** List the term for each of the given definitions.

	minute rod-like structures on which genes are located. It is one single molecule of DNA
	genes that suppress other genes with the same characteristics. This gene will always show up in the first-generation offspring.
	paired genes that occupy corresponding positions on homologous chromosomes.
	are genes that are hidden when a dominant gene is present. Recessive genes inherited by the offspring do not show up in the first generation unless in pure form when both recessive genes are present.
	when dominance is not complete between two alleles of the same gene pair or locus, possibly the result of one recessive gene inclined to be dominant over another recessive allele.

7. **Your rabbit production:** Answer the following for your rabbit production.

What factors do you take into consideration when determining which doe and which buck to use for breeding your meat pen?
