



# 4-H Rabbit

Union County  
Record Sheet  
Level E Grade12

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

1. List the four major markets for rabbits:

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

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

Factor	Description

4. List 7 challenges to breeding

- |          |          |
|----------|----------|
| a. _____ | e. _____ |
| b. _____ | f. _____ |
| c. _____ | g. _____ |
| 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. List the correct term for each definition:

	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.

Horses, cats, and dogs are not required to complete numbers 2 and 3.

### Animals Owned

Animals Name	Breed	Sex	Date of Birth	Date Obtained

**1. Expenses for the Animal(s)**

Animal(s) *if purchased*                      \$ \_\_\_\_\_  
 Feed    \$ \_\_\_\_\_  
 Bedding    \$ \_\_\_\_\_  
 Vet    \$ \_\_\_\_\_

Total Expenses            \$ \_\_\_\_\_

**2. Income from Animal(s) *market animals sold***                      \$ \_\_\_\_\_

Estimated value of animal to be sold in 4-H Auction \$ \_\_\_\_\_

Total Income                \$ \_\_\_\_\_

**3. Value of breeding animals**

Value of your cat or dog

Asset Value                 \$ \_\_\_\_\_

\$ \_\_\_\_\_

Net Profit / Loss         \$ \_\_\_\_\_

Member Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

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