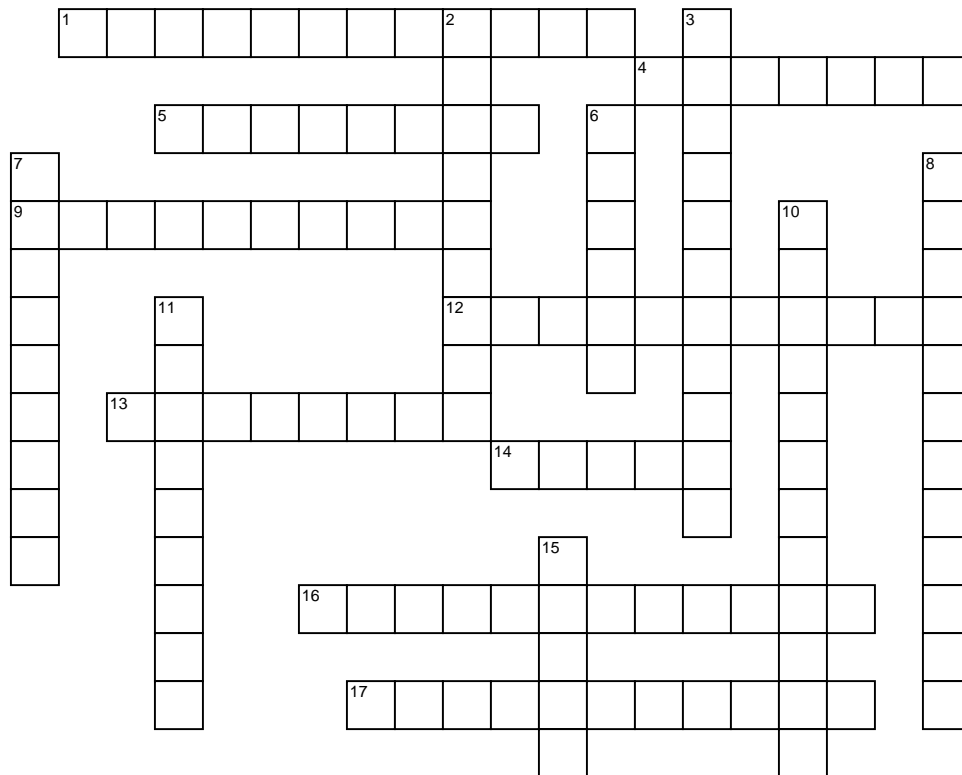


# Roland-Story Biology

## Lesson 4.2 -- Predicting Genetic Inheritance



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### ACROSS

- 1 A group of animals that are of the same breed and sex and have been raised in the same management group
- 4 The offspring of animals or plants.
- 5 Study of exact genes that control quantitative genetic traits.
- 9 Possessing identical genes with respect to any given pair or series of alleles.
- 12 The transmission of genetic factors from parent to offspring.
- 13 A list of individual animal's ancestors, usually only those of the five closest generations.
- 14 Any observable feature or characteristic of an animal
- 16 The proportion of the differences among animals, measured or observed, that is transmitted to the offspring
- 17 Traits having a sharp distinction between phenotypes, and which are usually controlled by only a few genes

### DOWN

- 2 In genetics, a gene or trait that is masked by a dominant gene.
- 3 The likelihood or chance that a given event will occur.
- 6 Designating animals that normally do not develop horns.
- 7 The observed character of an individual without reference to its genetic nature.
- 8 An animal that carries genes for two different characteristics.
- 10 Traits that do not have a sharp distinction between phenotypes, and usually require some kind of measuring tools to make the distinctions
- 11 Proportion of times a given genotype occurs or can occur.
- 15 Performance of an animal compared with its contemporaries with 100 being average.