

# Genetics Unit Test Review Guide

## Vocabulary to Know:

Dominant:	Mutation:
Recessive:	Genetic Condition:
Heterozygous (hybrid):	Offspring:
Homozygous (purebred):	Sex-linked traits:
Alleles:	Pedigree:
Genotype:	Trait:
Phenotype:	DNA:
Carrier:	Heredity:

1. A pea plant that is homozygous dominant for tall height is crossed with a recessive plant for height. Use D for tall height. Show the cross below and analyze it. (3 Punnett squares on the test)


A. Give the genotypes and phenotypes for the offspring.

B. How many offspring are tall?  
 \_\_\_\_\_ %

C. How many offspring are short?  
 \_\_\_\_\_ %

Ratio: \_\_\_\_\_ : \_\_\_\_\_  
 (tall) (short)