

Name _____


Date _____

Dominant and recessive alleles (Figure 4 p 78)

FIGURE 4


VIRTUAL LAB Dominant and Recessive Alleles

Symbols serve as a shorthand way to identify alleles.

 Complete each row of the diagram.


- Identify** Fill in the missing allele symbols and descriptions.
- Summarize** Use the word bank to complete the statements. (Terms will be used more than once.)
- Relate Cause and Effect** Draw the two possible ways the F_2 offspring could look.

P




Tall
T
Purebred

Short
t
Purebred



Word Bank
dominant
recessive

F₁



T

All plants inherit one _____ allele and one _____ allele. These plants are all tall.

F₂

Plants may inherit two _____ alleles. These plants are tall.

Plants may inherit one _____ allele and one _____ allele. These plants are tall.

Plants may inherit two _____ alleles. These plants are short.