

Name: _____

Period: _____

Punnett Square Practice

1. In tomatoes, red fruit (R) is dominant over yellow fruit (r). A plant that is homozygous for red fruit is crossed with a plant that has yellow fruit. What will be the possible genotypes and phenotypes of the offspring? Draw a Punnett Square to determine the genotypes and phenotypes.

Genotypes

%

Phenotypes

2. In pea plants, round (R) is dominant to wrinkled (r). A heterozygous female is crossed with a wrinkled male. Make a Punnett Square to determine the possible offspring.

a. What are the possible genotypes of the offspring?

b. What are the possible phenotypes of the offspring?

c. What is the probability of having an offspring that is round?

d. What is the probability of having an offspring that is homozygous?