

Punnett's Square

These show the 2 alleles of each parent plant crossed with each other and the resulting 4 possible offspring with T = tall, t = short
 TT = dominant tall, tt = recessive short, Tt = mixed hybrid

TT = dominant tall (genotype tall, phenotype tall)
 Tt = mixed hybrid (genotype hybrid, phenotype tall)
 tt = recessive short (genotype short, phenotype short)

Using the Punnett's Squares below, name the offspring of all possible parent combinations

	<i>T</i>	<i>T</i>
<i>T</i>		
<i>T</i>		

Both parents are dominant tall,
 name the 4 possible offspring.

1. 2.
 3. 4.

	<i>T</i>	<i>t</i>
<i>T</i>		
<i>t</i>		

Both parents are mixed hybrid,
 name the 4 and the expected ratio.

1. 2.
 3. 4.

	<i>T</i>	<i>T</i>
<i>T</i>		
<i>t</i>		

One parents is dominant tall, one is mixed
 hybrid. name the 4 possible offspring.

1. 2.
 3. 4.

	<i>t</i>	<i>t</i>
<i>t</i>		
<i>t</i>		

Both parents are recessive short,
 name the 4 possible offspring.

1. 2.
 3. 4.