

## Punnett Squares

A Punnett square is a table that illustrates dominant and recessive genes.  
It displays the possible results for offspring.

**Ex.** Two plants are crossed together.  
One plant is tall dominant (TT).  
The other plant is a mixed hybrid (Tt).  
Determine the resulting offspring.

	<b>T</b>	<b>T</b>
<b>T</b>	<b>TT</b>	<b>TT</b>
<b>t</b>	<b>Tt</b>	<b>Tt</b>

Two plants are crossed together.  
One plant is a mixed hybrid (Tt).  
The other plant is short recessive (tt).  
Determine the resulting offspring.

	<b>T</b>	<b>t</b>
<b>t</b>		
<b>t</b>		

Two parents are having a child.  
The father has dominant brown eyes (BB).  
The mother has recessive blue eyes (bb).  
Find the possible eye color of the child.

	<b>B</b>	<b>B</b>
<b>b</b>		
<b>b</b>		

Two parents are having a child.  
The father has freckles (FF).  
The mother does not have freckles (ff).  
Find the possibility of the child having freckles.

	<b>F</b>	<b>F</b>
<b>f</b>		
<b>f</b>		