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What about the F 2 generation?					
		F ₁ Hybrid (Tt)			
		T	t		
\mathbf{F}_1 hybrid (Tt)	T	TT	Tt		
	t	Tt	tt		
1 - TT (tall pure) 2 - Tt (tall hybrid) 1 - tt (short pure)			Result	: 75% tall 25% short	

An organism's genetic makeup is called a characteristics that are seen are it's phenotype

Two organisms can have the same phenotype, but have different genotypes.

ex: pea plant Genotype Phenotype

TT Tall

Tt Tall

It Short

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A pure offspring (two same alleles) is called homozygous

A hybrid offspring (two different alleles) is called heterozygous , and only expresses one allele - the dominant one.

Quick lab!

On page 268, do the quick lab (using your own phone number) and answer question 2.

Punnett squares are used to make predictions only. Anything that relies on random chance cannot be predicted with absolute certainty.

Review:

Punnett square worksheets (in file)

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