

Biology
Student Name:

Ch 4.2 Mendelian Genetics

Monohybrid and **Dihybrid** cross

HELP VIDEO

Q1. List the Gametes of the following parents

Green and wrinkly seed (ggww):

Heterozygous Yellow and round seed (YyWw):

Q2. Complete the Punnett square and find the phenotype ratio

Heterozygous round and yellow x heterozygous round and yellow

The gametes have been written for you.

Punnett Square: Dihybrid

	RY	Ry	rY	ry
RY				
Ry				
rY				
ry				

R – Round
r – wrinkly
Y – yellow
y – green

Phenotype

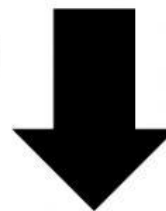
Round & yellow =

Round & green =

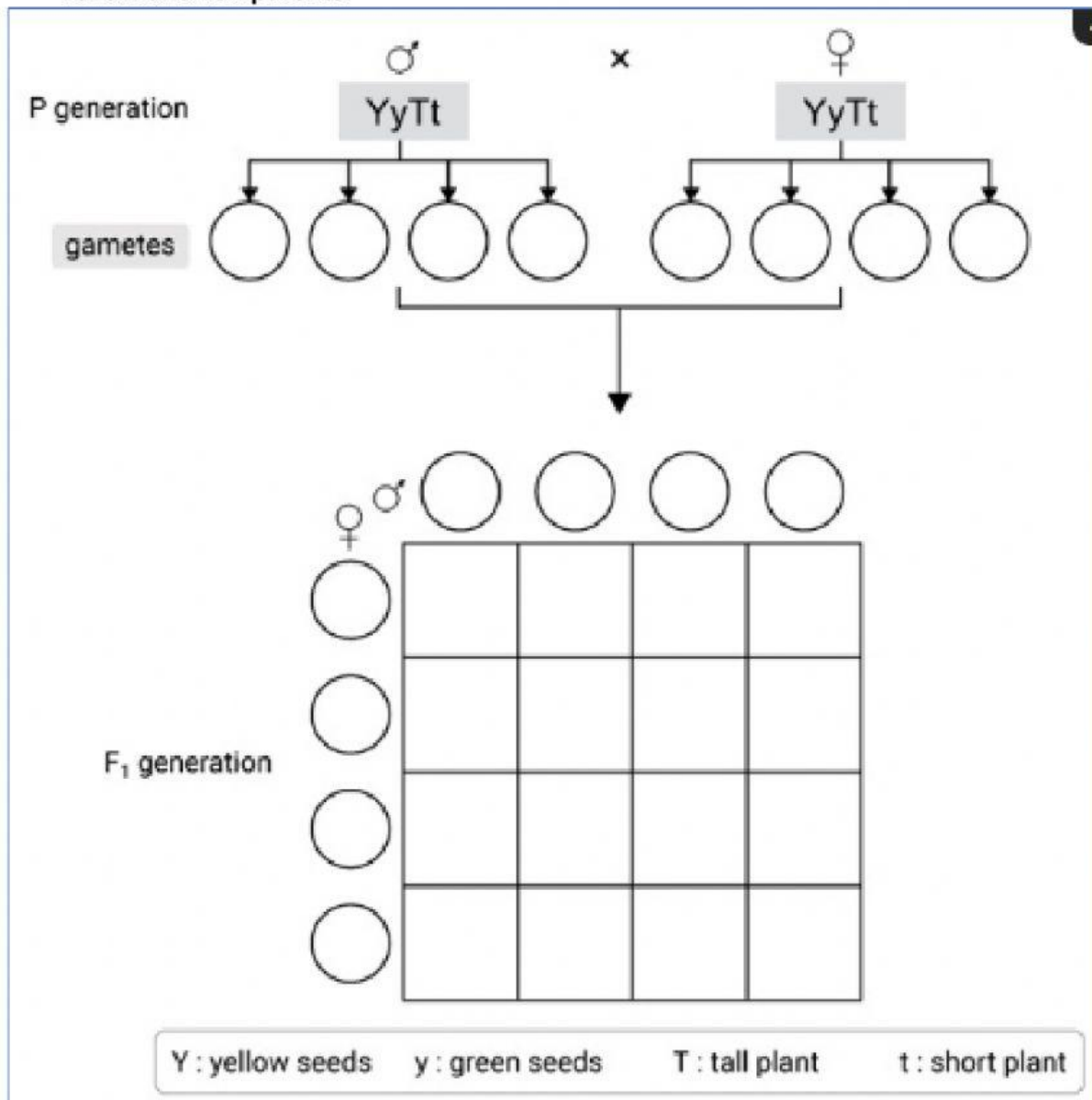
Wrinkly & yellow =

Wrinkly & green =

Scroll down



Q3. Complete the Punnett square for a dihybrid cross between Heterozygous Yellow and Tall parents.



Phenotype of offspring: