Test revien 1114-Genetrio
Mendel: Single-Factor crosses

$$
T=\text { tall }
$$

$$
t=\text { short }
$$

(P) homogous TT $\times t t$ gamets - $T \quad t$

$F_{1}$ coss: $1 t \times T t$
$T$ TTH(F)
$t$ TE Et guntype 1.2:1
phemutper atio:
$3: 1$

2 Factor cosses:

$$
\begin{array}{ll}
W=\text { white } & D=\text { disk } \\
\omega=\text { yelow } & d=\text { sphere }
\end{array}
$$

(P) WWDD $x$ wodd gamats-WD $x^{x}$ wd
$\left(F_{1}\right)-\underline{N_{\omega} D d^{k}}-$ dihybirl
$F_{1}$ coss:
Wwlod $\times \omega_{\omega} D d$
gamits:

phenotyperatis: $9: 3: 3: 1$

Inconplate Dous.
hybrie phenotype $=$ blench
Codominance - hybrid phew $=$ both shiw
$\theta-R R$
o-WW

Matiph Alleles -
Single gene but $>2$ alleles
more than 2 phenotypes

Duwn syctome -

$$
\begin{aligned}
& \text { antsome \#21-trisony (3) }
\end{aligned}
$$



