

MONOHYBRID CROSS

Tall      dwarf  
 TT      tt      Tall      dwarf  
 F<sub>1</sub> generation      Tt      (3:1)

	T	t
T	TT	Tt
t	Tt	tt

TT    Tt    tt  
 1 : 2 : 1

Tall  $TT$       dwarf  $tt$   
 $\times$   
 F<sub>1</sub> generation  $Tt$       All tall.  $Tt$

	$t$	$t$
$T$	$Tt$	$Tt$
$T$	$Tt$	$Tt$

Phenotype Ratio

4 3 : 1

Tall dwarf.

F<sub>2</sub> gene.      Tall  $Tt$       selfing  $\vee$       Tall  $Tt$

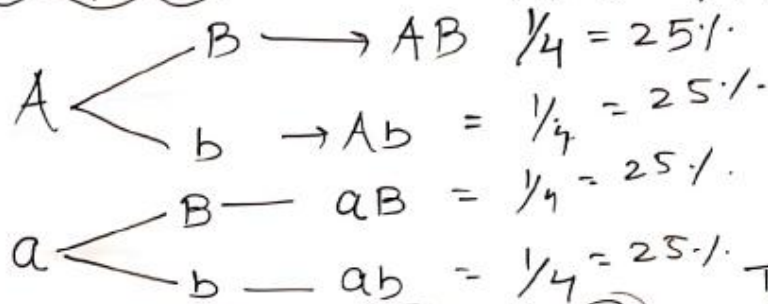
	$T$	$t$
$T$	$TT$	$Tt$
$t$	$Tt$	$tt$

Genotype

= 1 : 2 : 1

$TT$   $Tt$   $tt$

FORK LINE METHOD FOR GAMETE FORMATION.



$2^n =$        $3^n$        $4^n$   
 $n = \text{NO. of hybrid char.}$



	T	t
T	TT	Tt
t	Tt	tt

DIHYBRID CROSS

Round yellow wrinkled green  
 $RR$   $YY$   $rr$   $yy$   
 $RrYy$  Round yellow

♀ \ ♂	RY	rY	Ry	ry
RY	RRYY	RrYY	RRYy	RrYy
rY	RrYY	rrYY	RrYy	rrYy
Ry	RRYy	RrYy	RRyy	Rryy
ry	RrYy	rrYy	R	