

Monohybrid Crosses for the Dragon Family

Report data in percentages. Example: Genotype HH $\frac{1}{4} = 25\%$

1. Calculate the chances of inheritance for presence of horns.

Genotype

HH _____

Hh _____

hh _____

Phenotype

Horns _____

No horns _____

Trait: presence of horns	H	H
h		
h		

2. Calculate the chances of inheritance for presence of horns.

Genotype

HH _____

Hh _____

hh _____

Phenotype

Horns _____

No horns _____

Trait: presence of horns	H	h
h		
h		

3. Calculate the chances of sharp-tip and round-tip scale inheritance.

Genotype

TT _____

Tt _____

tt _____

Phenotype

Sharp-tip _____

Round-tip _____

Trait: shape of scale tips	T	T
T		
T		

4. Calculate the chances of sharp-tip and round-tip scale inheritance.

Genotype

TT _____

Tt _____

tt _____

Phenotype

Sharp-tip _____

Round-tip _____

Trait: shape of scale tips	T	T
T		
t		

5. Calculate the chances of sharp-tip and round-tip scale inheritance.

Genotype

TT _____

Tt _____

tt _____

Phenotype

Sharp-tip _____

Round-tip _____

Trait: shape of scale tips	T	t
T		
t		

Observations and Inferences