

Q1. List the Gametes of the following parents

Homozygous Tall parent stem (TT):

Heterozygous Purple parent flower (Pp):

Q2 Assessment – Monohybrid cross

Monohybrid –
Single trait

Cross a yellow heterozygous yellow seed pea plant (Yy) with a homozygous recessive green seed pea plant (yy).

Q1. List the offspring genotypes

Q2. List the offspring Phenotypes

Q3. What is the probability of growing a homozygous dominant pea plant

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Q3. If a black cat (Bb) is crossed with a white cat (bb), what would be the resulting genotype and phenotype?

Dominant trait:

Dominant Allele:

Recessive trait:

Recessive allele:

| | | |
|-------|--|--|
| Black | | |
| Pink | | |
| Pink | | |
| | | |

GENOTYPE:

PHENOTYPE:

Q4. Click here for DIHYBRID CROSS →