DATE _

Heredity Assessment



1. What happened between generations 1 and 2? Choose the most likely explanation.

A mutation in an existing gene gave rise to a new allele.

A mutation gave rise to a new gene.

2. How is it that, in Generation 3, yellow flowers can be found on individuals with both short and long stalks? Choose the most likely explanation.



Shuffling of existing alleles during sexual reproduction made new allele combinations.

A mutation happened in a yellow-flowered plant that made it grow long stalks.