

Entrance Slip March 1

Name : _____

Here is Duke: Duke a big nose and spots on his body. These 2 traits are veryrare in his species.



The **allele** that codes for a big nose is a **RECESSIVE** allele. The allele that codes for spots is also **recessive**.

Can you infer what Duke's **GENOTYPE** could be for Nose and spots? Also, can you identify Duke as either Heterozygous or Homozygous for each of these traits?

Nose Genotype: _____ Heterozygous or homozygous (circle one)

Spots on Body Genotype: _____ Heterozygous or homozygous (circle one)

Possible Answers: Genotype for nose and Spots will both be 2 lowercase letters such as nn and ss (2 recessive alleles) and Duke would be HOMOZYGOUS for both traits.