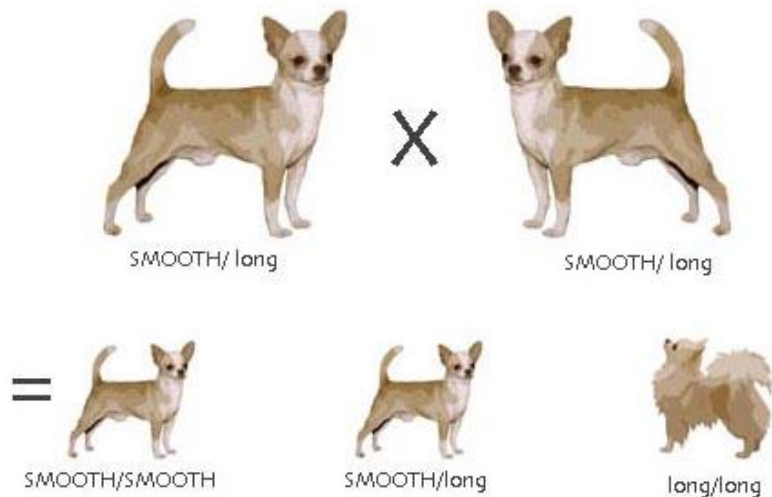


THE GENETICS OF CHIHUAHUA COAT LENGTH



If a smooth coated chihuahua has a hidden long coat gene, it can produce both long and smooth coated puppies when bred to a long coated chihuahua...

*The length of a Chihuahua's coat is determined by two genes. The smooth coat gene is **DOMINANT** (indicated by capital letters), and the long coat gene is **RECESSIVE** (indicated by lower case letters).*



How can two smooth coated chihuahuas produce a long coated puppy?
If the two smooth coats have a hidden long coat gene, they can produce both smooth and long coated puppies...

The dominant smooth coat gene, if present, will completely hide the recessive long coat gene. So, a dog can be a smooth coat (the dominant gene is expressed, or seen), and have a hidden long coat gene, which it can pass on to the offspring.