

### Dihybrid Punnett Square Practice

In guinea pigs having a BLACK coat (B) is dominant over having a WHITE coat (b). Having a LONG tail (L) is dominant over having a short tail (l). Complete the following:

1. Cross two parents who are both heterozygous for both coat color and tail length.

\_\_\_\_\_ x \_\_\_\_\_


Genotypes:

Phenotypes

What is the probability of having a white and short tailed offspring? \_\_\_\_\_

In guinea pigs having a BLACK coat (B) is dominant over having a WHITE coat (b). Having a LONG tail (L) is dominant over having a short tail (l). Complete the following:

2. Cross one parent who is homozygous recessive for coat color and heterozygous for tail length to another parent that is heterozygous for both coat color and tail length.

\_\_\_\_\_ x \_\_\_\_\_


Genotypes:

Phenotypes

What is the probability of having a black and long tailed offspring? \_\_\_\_\_