

Activity Three: Punnett Squares with Guinea Pig Traits

Guinea pigs have the following traits:

- Black color is dominant over white color.
- Rough coat is dominant over smooth coat.
- Dark eye color is dominant over pink eye color

Choose any one of the above traits (coat color, coat texture, or eye color). Choose and describe the traits of the male parent. Then choose and describe the traits of the female parent. Then complete the Punnett Square using the traits you selected.

- _____ Dominant trait
- _____ Recessive trait
- _____ Male genotype
- _____ Female genotype

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Offspring:

| Genotype (List the letters) | Number of Offspring | Phenotype (Describe the Trait) |
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