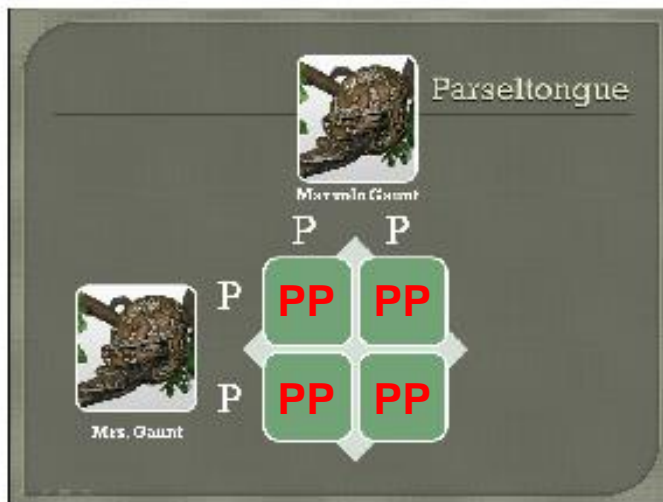


Answers

DON'T BE A SQUARE

Name: _____ Class: _____ Date: _____

Marvolo Gaunt has the homozygous trait for speaking parseltongue (being able to speak to snakes) and his wife also had the homozygous trait. If parseltongue is dominant, what is the likelihood that their daughter, Merope, will speak parseltongue?



Parseltongue

- PP (Homozygous)
- Pp (Heterozygous)

No Parseltongue

- pp (Homozygous)

Genotype

PP= 100 %

Pp= 0 %

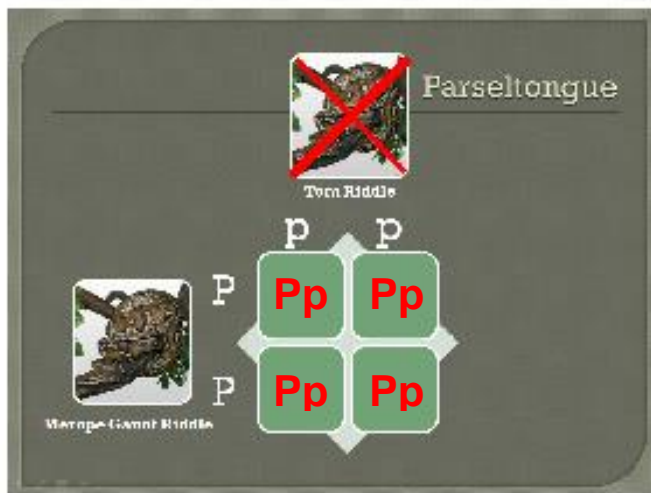
pp= 0 %

Phenotype

Parseltongue= 100 %

No Parseltongue= 0 %

Assuming Merope Gaunt has the homozygous trait for speaking parseltongue and her husband Tom Riddle has the homozygous trait for not being able to speak parseltongue, what is the likelihood that their son, Tom Riddle, Jr. (later to become Lord Voldemort), will speak parseltongue?



Genotype

PP= 0 %

Pp= 100 %

pp= 0 %

Phenotype

Parseltongue= 100 %

No Parseltongue= 0 %