

Question Breakdown

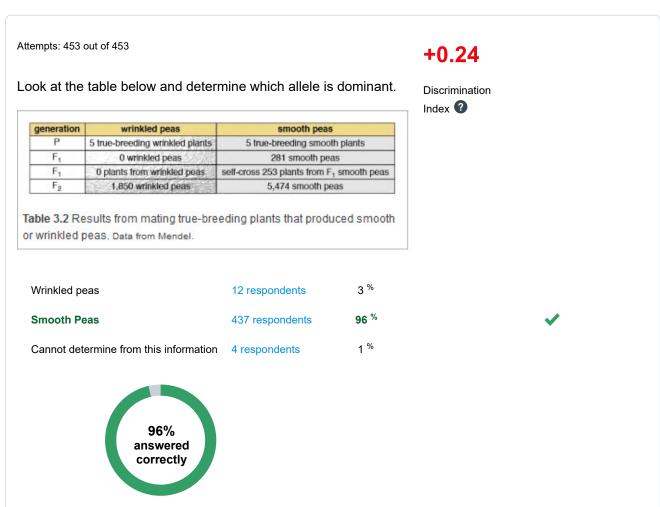
Attempts: 453 out of 453

Which of the following is true about a plant that Mendel found to be 'true breeding' for purple flowers?

+0.49

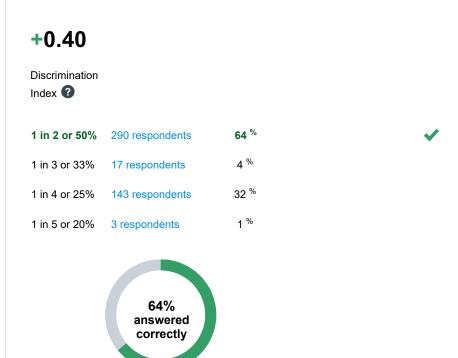
Discrimination Index ?





Attempts: 453 out of 453

The fatal human illness called <u>Huntington disease (http://www.mayoclinic.org/diseases-conditions/huntingtons-disease/basics/definition/con-20030685)</u> is caused by a dominant mutant allele. Calculate the probability that a couple will have a child with the disease if the father is heterozygous and the mother is homozygous recessive.

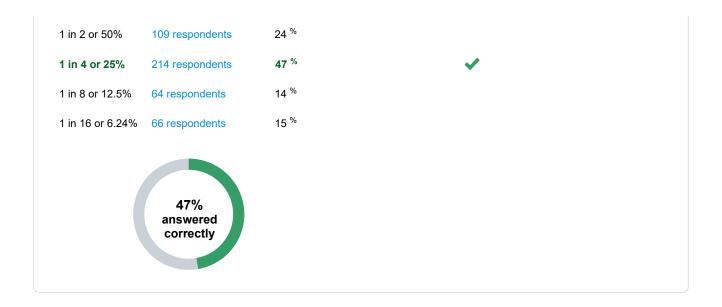


Attempts: 453 out of 453

The fatal human illness called <u>Huntington disease</u> <u>(http://www.mayoclinic.org/diseases-conditions/huntingtons-disease/basics/definition/con-20030685)</u> is caused by a dominant mutant allele. Calculate the probability that a couple will have two children with the disease if the father is heterozygous and the mother is homozygous recessive.



Discrimination Index ?



Attempts: 453 out of 453

The fatal human illness called <u>Huntington disease (http://www.mayoclinic.org/diseases-conditions/huntingtons-disease/basics/definition/con-20030685)</u> is caused by a dominant mutant allele. Calculate the probability that a couple will have a child with at least one copy of the recessive allele if the father is heterozygous and the mother is homozygous recessive.

16 %

+0.62

Discrimination

1 in 4 or 25%

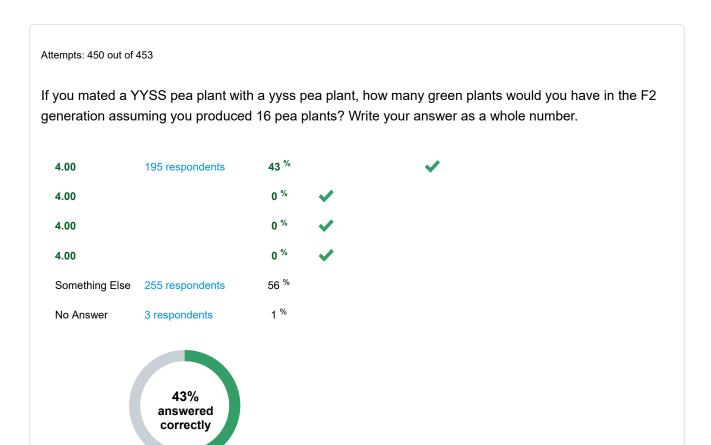
Index ?

1 in 2 or 50% 85 respondents 19 % 3 in 4 or 75% 60 respondents 13 %

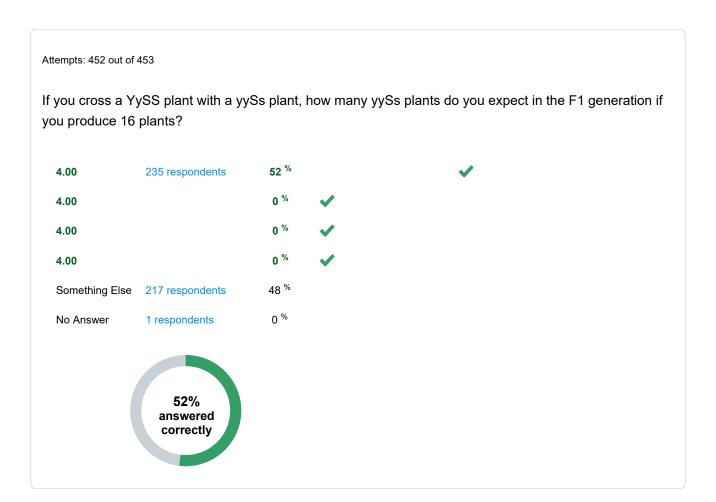
71 respondents

1 in 1 or 100% 237 respondents 52 %

52% answered correctly



Attempts: 450 out of 453 If you mated a YYSS pea plant with a yyss pea plant, how many green smooth plants would you have in the F2 generation assuming you produced 16 pea plants? Write your answer as a whole number. 26 % 3.00 120 respondents 0 % 3.00 0 % 3.00 0 % 3.00 73 % Something Else 330 respondents 1 % No Answer 3 respondents 26% answered correctly



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