


Student Score = 20

5. Years later, Michael (Sarah's oldest brother) and his new bride, Rebecca, began to plan for a family. Rebecca was tested for the presence of the Tay Sachs mutation because of Michael's family history.
- a. Predict the probability of each genotype and phenotype in the offspring if Rebecca IS carrying a mutation for Tay Sachs.

Genotype	Probability
TT	25%
T+	50%
++	25%



Phenotype	Probability
Normal	75%
disorder	25%

Student Response

Genotype	Probability
TT	25%
Tt	50%
tt	25%

Phenotype	Probability
normal	75%
disorder	25%

	T	T
T	TT	Tt
t	Tt	tt