

Genetics homework questions

Please turn in to Ms. Covelle on Monday

1. One day two frogs crossed paths. The female frog had yellow skin (the dominant trait) and the male frog had green skin (the recessive trait). They decide to have some babies...

a. What are the possible genotypes the parents could have?

b. Choose what genotypes the parents have and create a punnett square, showing what **genotypes** the offspring have. Write their **phenotype** as well.

2. Lets say that in your family, everyone as brown hair (the dominant trait), but one day your parents have another child and her hair turns out to be blonde (the recessive trait)!

**Create a punnett square** to show how this could be possible. Use **B** to represent the allele for brown hair and **b** to represent the allele for blonde hair.

3. Create a punnett square using the five steps we used in class. Show **each step** of your work!!!!