Genetics   Name:

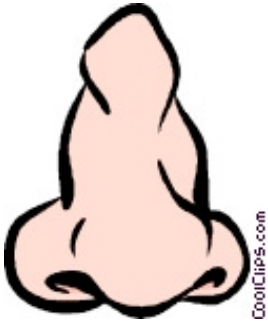**More Punnett Square Practice**   Period:

Make Punnett squares for each of the crosses below, and answer the questions.

Assume a big nose is a dominant trait (**N**). Make a Punnett square for the cross **Nn x Nn.**

What are the genotypes of the parents? _____ and _____

What are the phenotypes of the parents? **Nn**: _____ and **Nn**:_____

List all of the possible genotypes of the offspring. _____

What is the % chance that their children will have a big nose? _____

What is the % chance that their children will carry an allele with the recessive trait **n**? _____

Assume the allele for smelly feet (**F**) is dominant over the allele for odorless feet (**f**). Make a Punnett square for the cross **FF x Ff**.

What are the genotypes of the parents? _____ and _____

What are the phenotypes of the parents? **FF**: _____ and **Ff**: _____

List all of the possible genotypes of the offspring. _____

What is the % chance that any babies will have smelly feet? _____

What is the % chance that any baby will carry an allele with the recessive trait **f**? _____