

Name: _____ Section: _____
Diversity of Living Things – Open Response Question 1

Below is a Punnett Square for a breed of dog. It is providing you with *some* genotypic information about the parents and *some* information about the possible genotypes of the offspring.

		Mother's Genes	
		F	?
Father's Genes	F	FF	
	?		ff

Looking at the Punnett Square,

- What can you conclude about the genotype of both parents?
- If “**F**” is the symbol for curly fur and “**f**” is the symbol for straight fur, what is the probability that any of their offspring will have curly fur? Explain your reasoning.