

**Data:**

**Part A – PTC Taster:**

	Taster	Non-Taster
PTC Paper:		
Class Populations:		
	#:	Percent of class
Tasters: ( $p^2 + 2pq$ )		
Non Tasters ( $q^2$ )		

**Part B**

**Case 1 – An ideal population:**

Initial Class Frequencies:	AA: _____	Aa: _____	aa: _____
My initial Genotype: _____			
F <sub>1</sub> Genotype: _____			
F <sub>2</sub> Genotype: _____			
F <sub>3</sub> Genotype: _____			
F <sub>4</sub> Genotype: _____			
F <sub>5</sub> Genotype: _____			
Final Class Frequencies:	AA: _____	Aa: _____	aa: _____
Total # of A alleles: _____		Total # of a alleles: _____	