AP Biology Hardy-Weinberg Chi Square Re-Quiz

Question 1a: In a certain population of newts, being poisonous (P) is dominant over not being poisonous (p). You count 200 newts, and 8 are not poisonous. What are the genotype frequencies of the parent population?

Question 1b: You count the new population of newts and, after genetic testing, find 46 homozygous poisonous newts, 114 heterozygous poisonous newts, and 6 homozygous non-poisonous newts. Is this population exhibiting hardy Weinberg equilibrium? (Test using Chi square).