

In this population, moths may appear grey or black. Grey is the dominant phenotype for wing color. In the local population, there are 200 moths, 20 of them have black wings.

	represents	frequency
q^2		
q		
p		
p^2		
$2pq$		

What is the frequency of the dominant allele in this population?

What is the frequency of the recessive allele in this population?

What is the frequency of the homozygous dominant genotype?

What is the frequency of the homozygous recessive genotype?

What is the frequency of the heterozygous genotype?

What is the frequency of the black phenotype in this population?

What is the frequency of the grey phenotype in this population?