Har	dy-Weinberg Practice Worksheet (Dinoflagellates) –optional
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а	. What is it he if requency in the mozygous it ecessive and ividuals and this is a population? Is how is all in the inverse of the mozygous it is a population? Is how is a population in the population in
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	population.©how@illgyour@work.@ (2@marks) @ <i>Hint</i> :@When@apopulation@s@n@H-W@equilibrium,@f@we&now@that@freq(<i>a</i>)@=@p,@then@we&an@assume@that@freq(<i>a/a</i>)@=@p ² .@

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2.	After further free earch, I you is cover that thomozygous is ominant and ividuals that is not say the free further free earch, I you is cover that thomozygous is one of the first of the f
	a. IsathispopulationandHardy-Weinbergaequilibriumawithaegardsatoatherspot-or-no-spotralocus?ali.e.,adoesatherbservedarequencyabfaeterozygotesanatchatherpredictedarequency)?asrieflyaexplainayouraeasoning.alamarks)?

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b.	Are Dyou Burprised By Tahis Bresult? Please Explain Dyhy Bor Dyhy Thot. By our Tahnswer Thould Thake Breference Thou The Tass Sumptions To figher Hardy-
	Weinberg Pequilibrium Prodel. 49 marks) P

3. You are helping one of your friends with homework from another biology class. They are also learning about population genetics and Hardy-Weinberg equilibrium. This is the question they are working on:
"There are 200 individuals in the population: 20 are homozygous dominant (A/A) , 20 are heterozygous (A/a) and 160 are homozygous recessive (a/a) . Is this population in Hardy-Weinberg equilibrium with respect to Gene A?
Your friend thinks the population is in HWE. Are they correct? Explain your answer.