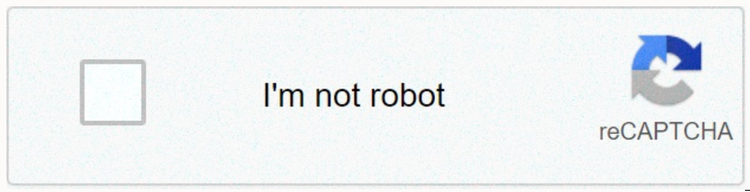

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Genetics blood types worksheet answer key

Blood Type is controlled by 3 alleles: A, B, O. A&B is codominant, O is a recession. 1. What is the possible genotype for someone who has: Blood? _____ B blood? ____ O blood? ______ Ab blood? _______ 2. A man with AB-type blood married a woman also with AB-type blood. Show crosses. What parts of their children will have: Blood? _____ B blood? ____ O blood? ______ Ab blood? _______ 3. A man has B-type blood (BB genotype) married a woman with O.S. Show cross type blood. What parts of their children will have: Blood? _____ B blood? ____ O blood? ______ Ab blood? _______ 4. A woman with blood type A (genotype AO) is married to a type B person (genotype BO). Show crosses. What parts of their children will have: Blood? _____ B blood? ____ O blood? ______ Ab blood? _______ 5. A woman with A-type blood claims that a man with AB-type blood is the father of his son who typed B. Show ALL possible crosses; remember that the woman can have an AA or AO genotype. Can this guy become the father of the child? How? Assuming that she is a father, what must the mother's genotype be? 6. A man with AB-type blood married a woman with O-type blood. They have two natural children and an adopted child. Jane has A-type blood, Jordan has B-type blood, and the Marlins have what type blood is O. Which child adopted? How do you know? 7. A woman is looking for her father and she has O-type blood. She looks through the records of the man who could become her father. Which type of blood can he eliminate from his search? (In other words, his father CANNOT be what kind of blood.) Explain how you know this. To continue enjoying our website, we ask that you verify your identity as a human being. Thank you very much for your cooperation. Shannan Muskopf May 7, 2017 This work eagle provides students with practice problems at various allele properties, particularly on how blood types are inherited. Problems focused on ABO blood groups and students are asked to do a cross where parental blood types are known. For example, if a parent has O-type blood and other parents have AB-type blood, what kind of blood is possible among their children and in what proportion. The RH factor is not included in this work environment because it is designed for begins biological students and who are beyond the scope of their studies. Although, I am talking about the RH factor, and how it follows the dominant-recessive pattern. Grade Level: 9-12 Time Required: 15-30 minutes Download Google PDF Document Key (TpT) HS-LS3-3 Using statistical concepts and the probability of explaining and distribution of the features expressed in a person's population. Population.