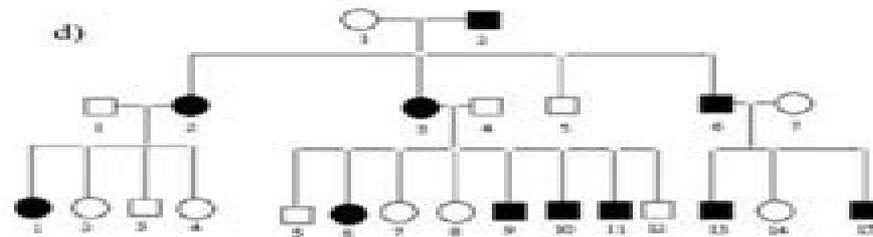
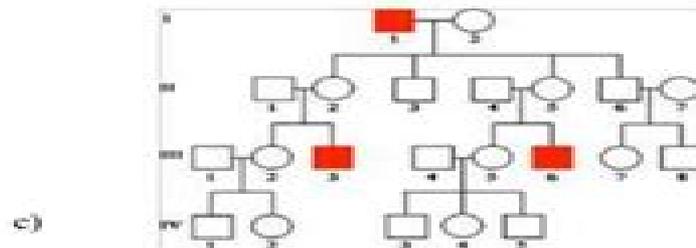
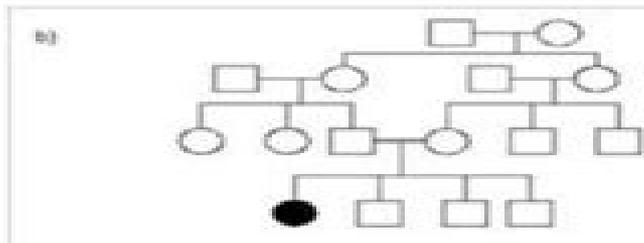
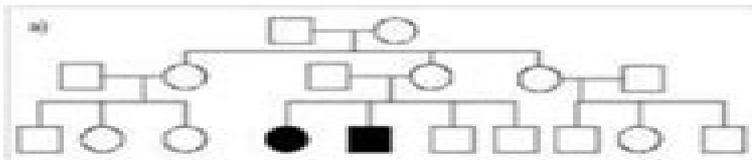


## Human Pedigree Analysis Problem Sheet

**Background:** Autosomes are chromosomes 1-22 (for humans, non sex). Sex chromosomes represent the 23<sup>rd</sup> pair of chromosomes (in humans). There are a number of different types of human pedigrees that you may encounter, however, there are only a few different modes of inheritance that you will need to be familiar. The following pedigrees show you different examples of human traits that can be traced through generations. See if you can identify the modes of inheritance, and answer any questions directly related to each pedigree. While you are working on this, keep the following clues in mind:

Clues for Autosomal Inheritance	
<b>Recessive</b> <ul style="list-style-type: none"> <li>• individual expressing trait has 2 normal parents</li> <li>• two affected parents can not have an unaffected child</li> </ul>	<b>Dominant</b> <ul style="list-style-type: none"> <li>• every affected person has at least one affected parent</li> <li>• each generation will have affected individuals</li> </ul>
Clues for Sex-linked Inheritance	
<b>Recessive</b> <ul style="list-style-type: none"> <li>• no father-to-son transmission</li> <li>• predominantly males affected</li> <li>• trait may skip generations</li> </ul>	

1. For each of the pedigrees below, identify the mode of inheritance and provide at least 2 reasons for your choice.



# Human Genetics And Pedigrees Study Answers

**G Orfield**



## **Human Genetics And Pedigrees Study Answers:**

## Decoding **Human Genetics And Pedigrees Study Answers**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its power to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Human Genetics And Pedigrees Study Answers**," a mesmerizing literary creation penned by way of a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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