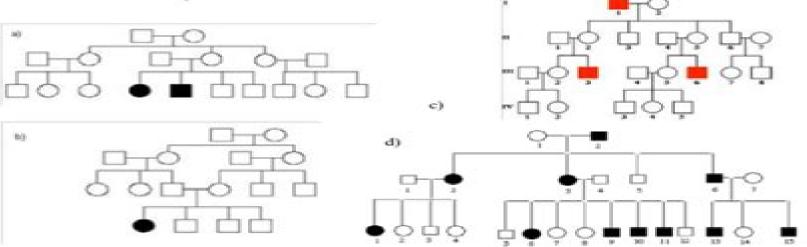
## **Human Pedigree Analysis Problem Sheet**

**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 Autos	omal Inheritance
individual expressing trait has 2 normal parents     two affected parents can not have an unaffected child	every affected person has at least one affected parent     each generation will have affected individuals
Clues for Sex-1	inked Inheritance
Recessive     no father-to-son transmission     predominantly males affected     trait my skip generations	

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



# **Human Pedigree Analysis Problem Sheet**

**Ying-Ying Zheng** 

**Human Pedigree Analysis Problem Sheet:** 

## Human Pedigree Analysis Problem Sheet Book Review: Unveiling the Power of Words

In a world driven by information and connectivity, the ability of words has become more evident than ever. They have the capacity to inspire, provoke, and ignite change. Such may be the essence of the book **Human Pedigree Analysis Problem Sheet**, a literary masterpiece that delves deep to the significance of words and their effect on our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

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