

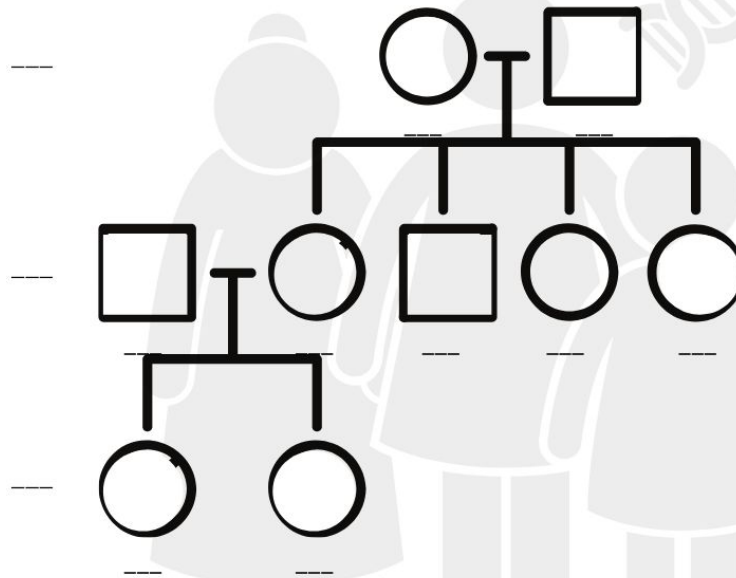
Pedigrees Worksheet 2

Sciencenotes.org

Name _____

Date _____

Fill in the Blanks



Analytical Questions

- Fill out the blanks in the pedigree above to delineate (1) generation no. and (2) individual identifications.
- Continue to fill out the pedigree with the following additional information regarding inheritance patterns of an unknown (U), sex-linked dominant disease:
 - Individuals I-1, II-1, II-3, II-5, and III-2 are affected.
 - Individuals I-2, II-2, II-4, and III-1 are unaffected.
- Answer the following questions and add the genotypes to the chart:
 - What are the genotypes of P1? _____
 - What are the genotypes of F1? Of II-1? _____
 - What are the genotypes of F2? _____
- If III-2 has children with an affected male, what proportion of the offspring are expected to be affected? _____