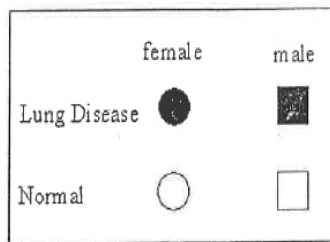
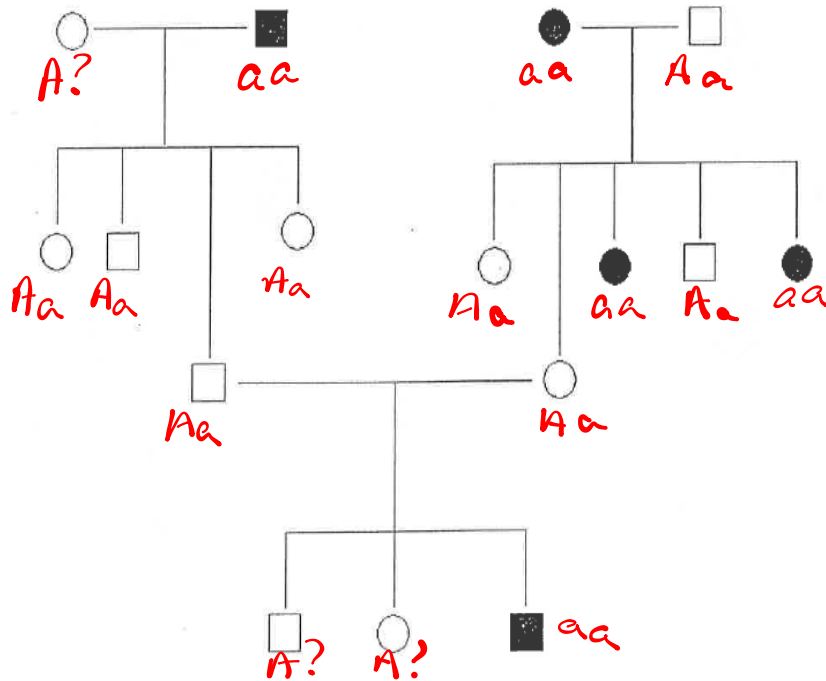


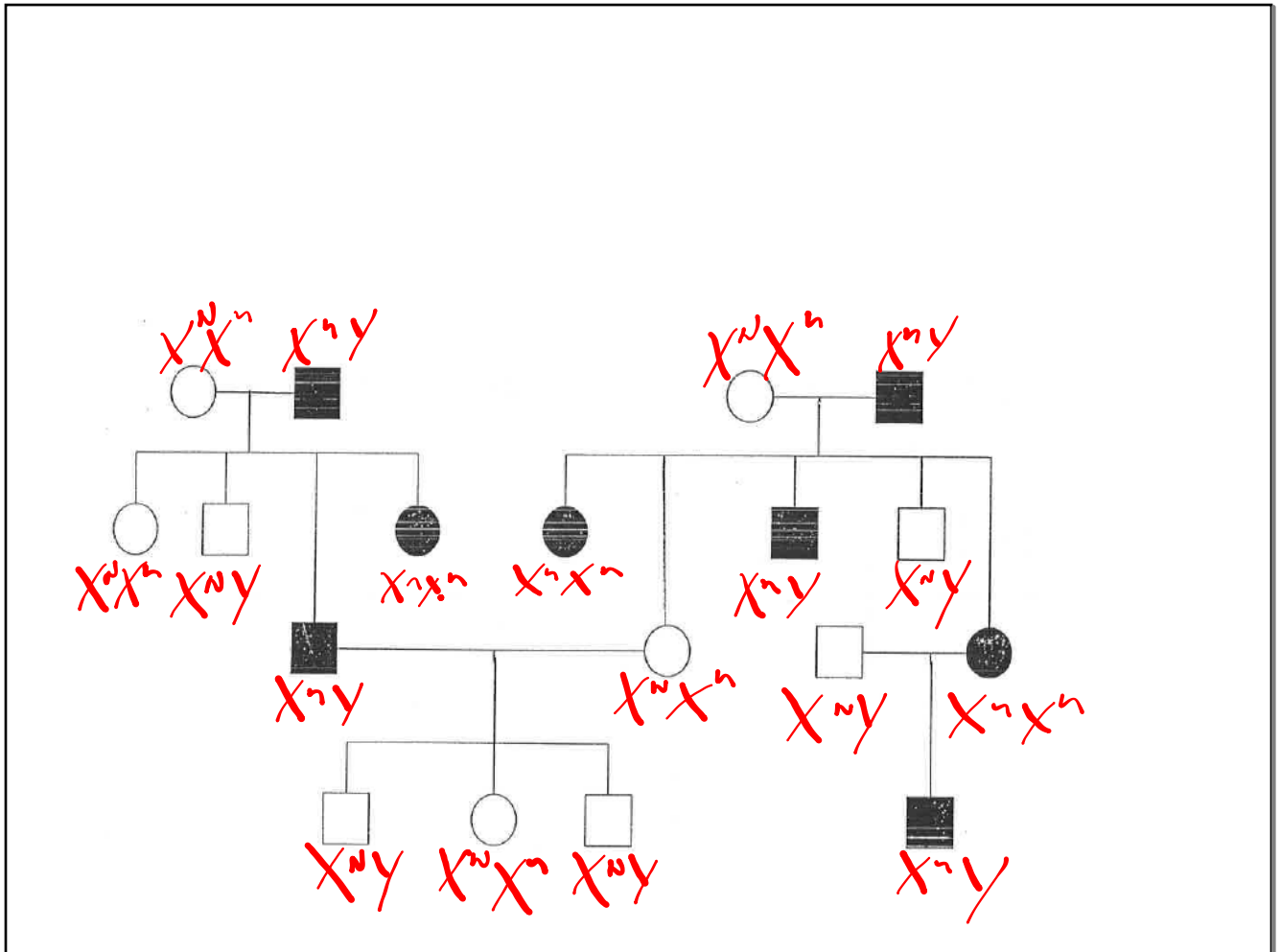
Key:

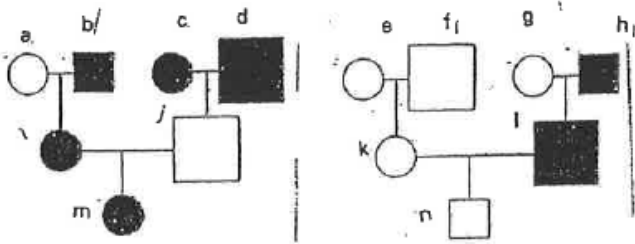


A = normal
a = disease

choose: { AA
Aa
aa
A?







1 a. Is the gene for this type of dwarfism dominant or recessive? _____

b. How do you know? _____

2 a. Is the gene for red hair dominant or recessive to the gene for dark hair? _____

b. How can you tell? _____

3 Using the symbols R and r for hair coloring and D and d for height, indicate for each box (male) and circle (female) on the chart the genotype of the individual with respect to dwarfism and hair color. Use a question mark for any gene that cannot be identified.

- | | |
|----------|----------|
| a. _____ | h. _____ |
| b. _____ | i. _____ |
| c. _____ | j. _____ |
| d. _____ | k. _____ |
| e. _____ | l. _____ |
| f. _____ | m. _____ |
| g. _____ | n. _____ |