Name: _____ **Class:** _____

Genetic Pedigree

Key

⬭ = normal female   ☐ = normal male

⬤ = affected female   ■ = affected male

◑ = carrier female   ◧ = carrier male
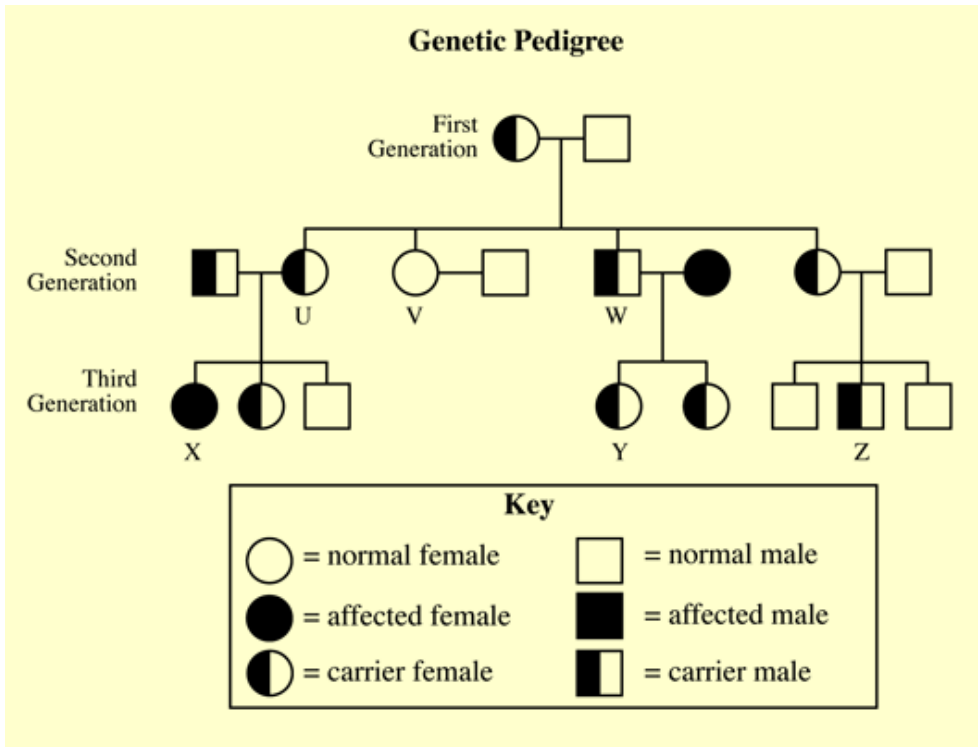
Questions:

1. How many children did the first generation have? _____

2. How many girls did the first generation have? _____

3. Describe individual Y. _____

4. Describe individual Z. _____

5. How many children and grandchildren have the disease? _____

6. What is the genotype of X? Use the letter R/r. _____

7. What is the genotype of Y? Use the letter R/r. _____

8. How many children and grandchildren are carriers for the disease? _____

9. What is a carrier?

   _____

   _____

10. How many kids did W and his wife have? _____

11. Who is older, U or V? _____ How do you know?

   _____

   _____