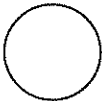




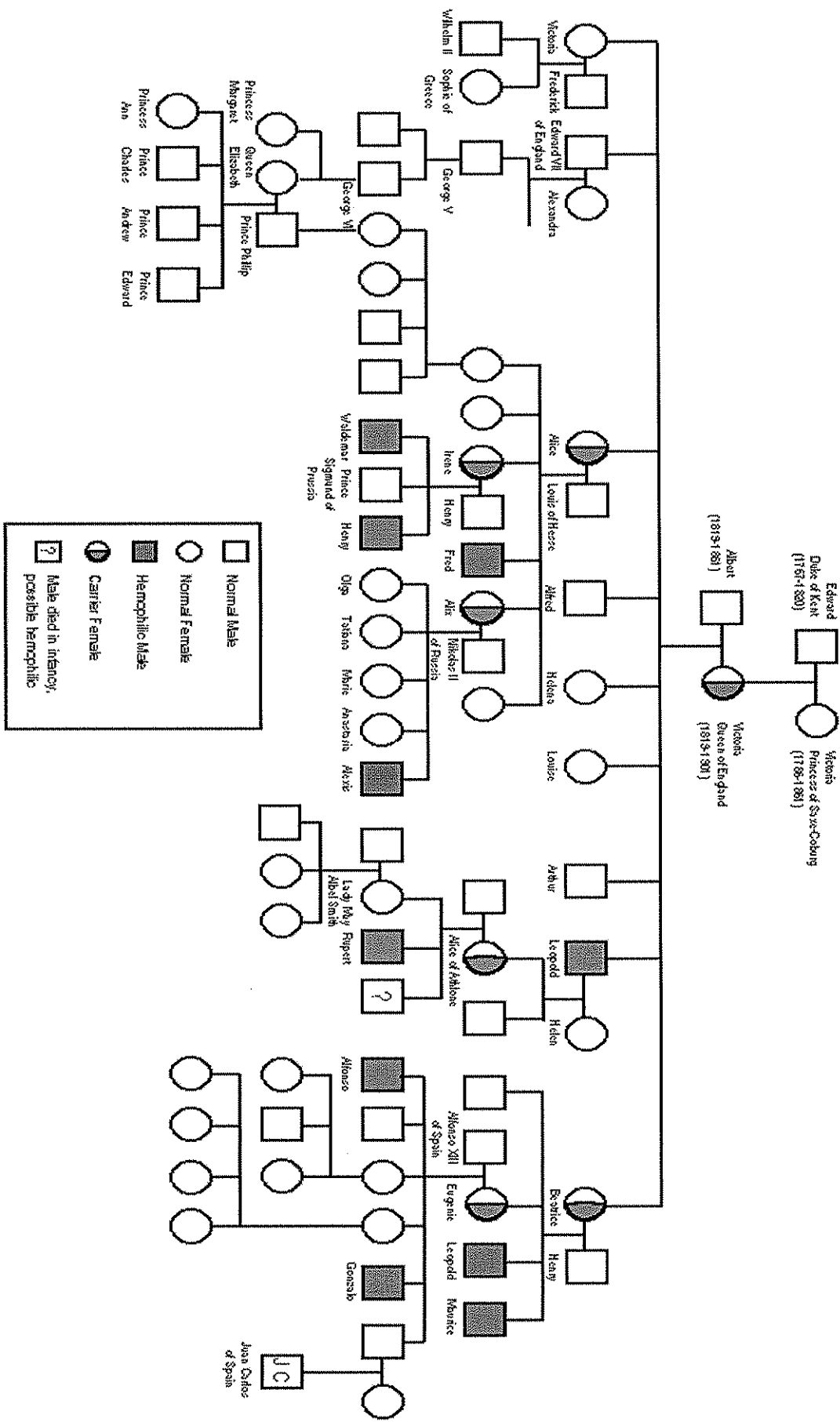


Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Life Science Notes 17 Pedigrees

- A pedigree is a genetic tool used for tracing the occurrence of a trait in a family.
- It uses symbols to show the genotype of each individual and is organized like a family tree.
- For today's examples, we will use hemophilia as the genetic disorder.
  - Remember that hemophilia is found on the X chromosome and is therefore called a sex-linked disorder.
- Symbols:

-  = Normal female  
Genotype =
-  = Carrier female  
Genotype =
-  = Hemophiliac female  
Genotype =
-  = Normal male  
Genotype =
-  = Hemophiliac male  
Genotype =



Royal Families of Europe