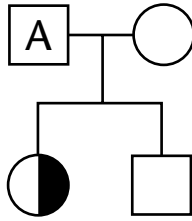


Chapter 16

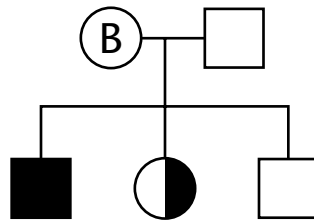
Use with Section 3

REINFORCEMENT● **Human Genetics****Part A**

Each of the pedigrees below shows the inheritance pattern of a sex-linked disorder, such as color blindness. Answer the question below each pedigree.



1. Is the father, A, affected or not affected by the disorder? Explain your answer. _____



2. Is the mother, B, affected by the disorder, not affected, or a carrier? Explain your answer.

Part B

1. Name two genetic disorders that are caused by a recessive allele on the X chromosome.

2. Name two genetic disorders that are homozygous recessive. _____

3. How are scientists in the field of genetic engineering trying to help people with genetic disorders? _____
