

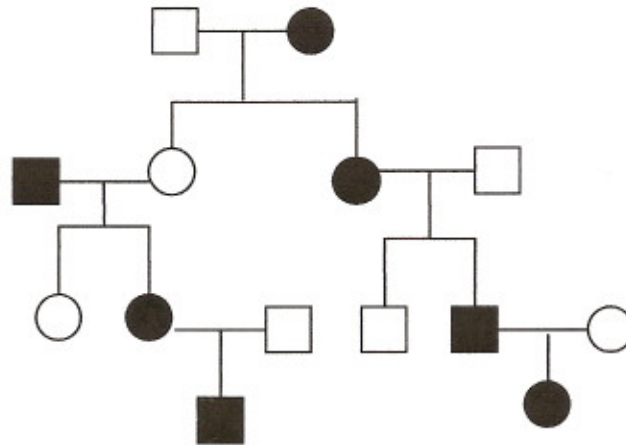
NAME _____

PEDIGREE CHART

1. What is a pedigree chart and how can it be useful?
2. What symbols are used to represent gender?
3. How are individuals shown on a pedigree chart for having the trait which is being studied?
4. How could you represent a carrier on a pedigree chart?

Use the pedigree shown below to answer questions 5 - 8

5. How many generations are shown in the pedigree below?
6. Is the trait being studied autosomal or X-linked?
How do you know?
7. Is the trait being studied dominant or recessive?
How do you know?
8. Write the genotype underneath each individual (BB, Bb, bb or unknown).



Use the pedigree shown below to answer questions 9 - 10

9. Is the trait being studied autosomal or X-linked?

How do you know?

10. Is the trait being studied dominant or recessive?

How do you know?

