

Name _____

Date _____

Section 8-2 notes guide: "Pedigree Charts"

1. A _____ is a tool for tracing a trait through generations of a family. It is used to _____.

"How To Read a Pedigree Chart:"

2. In a pedigree chart:

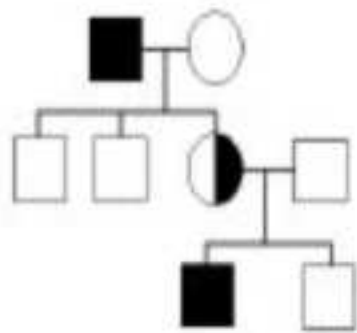
squares = _____ circles = _____

3. _____--connect children to their parents.

4. What does a "solid" square or circle indicate?

5. What does a "half-shade" circle indicate?

6. What does it mean if the circle or square is NOT SHADED AT ALL?



Examine the pedigree chart on "color blindness" to your left:

a) Which parent(s) is color-blind? _____

b) How many of the children are "carriers"? _____

c) Was the carrier a boy or a girl? _____

Name _____

Date _____

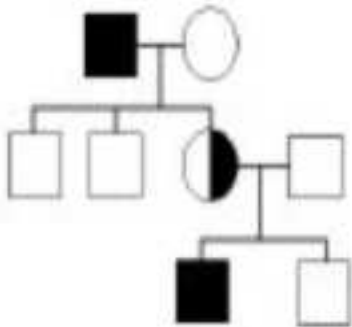
Section 8-2 notes guide (B): "Pedigree Charts"

1. A _____ is a tool for tracing a trait through generations of a family. It is used to predict if a person is a carrier of a particular disease.

"How To Read a Pedigree Chart:"

2. In a pedigree chart:
"squares" represents **(males?/ females?)**
"circles" represent **(males?/ females?)**
3. **(Vertical lines? or Horizontal lines?)** --connect children to their parents.
4. **(Solid? or Half-shaded?)** squares and circles indicates a person is only a "carriers" of the disorder.
5. **(Solid? or Half-shaded?)** squares and circles indicates a person actually has the disorder.

(*****Note:** If the shape is "NOT SHADED AT ALL", then the person does not have the disorder.)



Examine the pedigree chart on "color blindness" to your left:

- a) Which parent(s) is color-blind? _____
- b) How many of the children are "carriers"? _____
- c) Was the carrier a boy or a girl? _____

