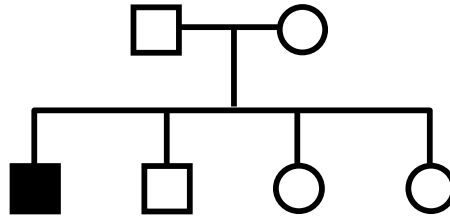


**GENETICS PRACTICE 4: PEDIGREES**

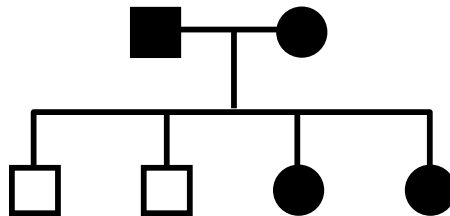
**PEDIGREE #1**



Could this trait be inherited as a simple...

			If "YES", then suggested genotypes of	
			<u>father</u>	<u>mother</u>
a. autosomal recessive?	YES	NO	_____ x _____	
b. autosomal dominant?	YES	NO	_____ x _____	
c. X-linked recessive?	YES	NO	_____ x _____	
d. X-linked dominant?	YES	NO	_____ x _____	
e. Y-linked trait?	YES	NO	_____ x _____	

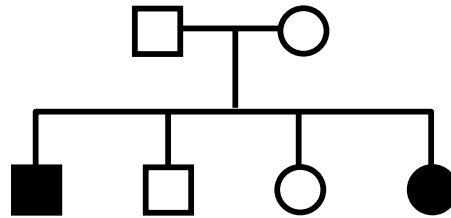
**PEDIGREE #2**



Could this trait be inherited as a simple...

			If "YES", then suggested genotypes of	
			<u>father</u>	<u>mother</u>
a. autosomal recessive?	YES	NO	_____ x _____	
b. autosomal dominant?	YES	NO	_____ x _____	
c. X-linked recessive?	YES	NO	_____ x _____	
d. X-linked dominant?	YES	NO	_____ x _____	
e. Y-linked trait?	YES	NO	_____ x _____	

**PEDIGREE #3**

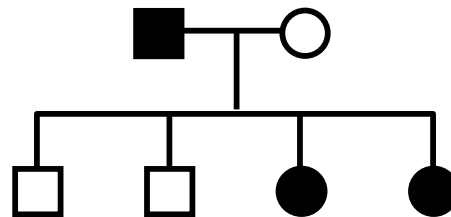


Could this trait be inherited as a simple...

If "YES", then  
suggested genotypes of  
**father**      **mother**

- |                         |     |    |               |
|-------------------------|-----|----|---------------|
| a. autosomal recessive? | YES | NO | _____ x _____ |
| b. autosomal dominant?  | YES | NO | _____ x _____ |
| c. X-linked recessive?  | YES | NO | _____ x _____ |
| d. X-linked dominant?   | YES | NO | _____ x _____ |
| e. Y-linked trait?      | YES | NO | _____ x _____ |

**PEDIGREE #4**



Could this trait be inherited as a simple...

If "YES", then  
suggested genotypes of  
**father**      **mother**

- |                         |     |    |               |
|-------------------------|-----|----|---------------|
| a. autosomal recessive? | YES | NO | _____ x _____ |
| b. autosomal dominant?  | YES | NO | _____ x _____ |
| c. X-linked recessive?  | YES | NO | _____ x _____ |
| d. X-linked dominant?   | YES | NO | _____ x _____ |
| e. Y-linked trait?      | YES | NO | _____ x _____ |