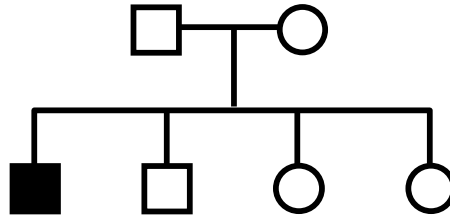


GENETICS PRACTICE 4: PEDIGREES

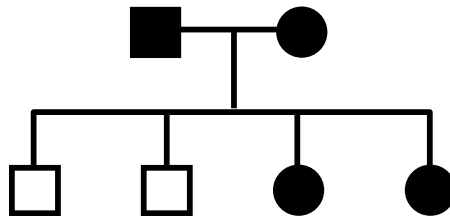
PEDIGREE #1



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 _____	

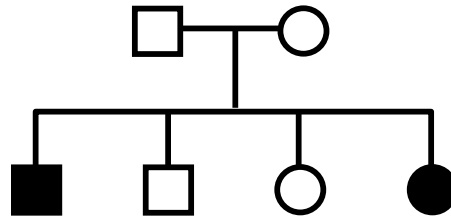
PEDIGREE #2



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

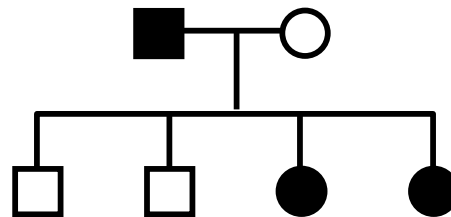


Could this trait be inherited as a simple...

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 _____ |