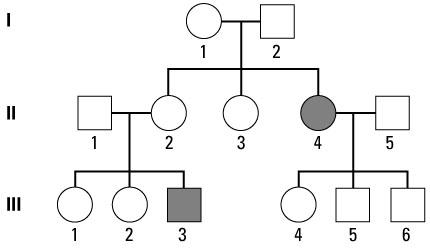
**OwdijTown Pedigrees**

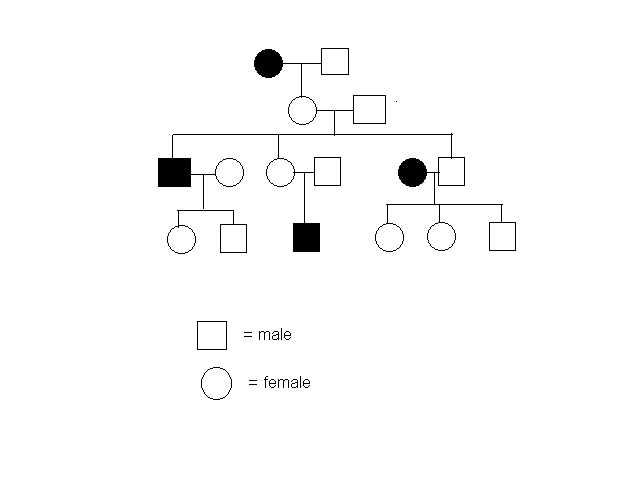
As you have been studying the people of Owdijtown, you have stumbled across the medical records of some families in an abandoned warehouse. Since you know almost nothing of these families take a look at the pedigrees and see if you can derive any information.

The first pedigree that you came across is only labeled “Ha Ha”



1. What type of pedigree is being mapped?
2. Are there carriers? If so please fill them in and identify them.
3. Who is affected?

A second file cabinet has given you a different pedigree. This pedigree is simply labeled “Nana Nana Boo Boo, You are sicker than Doo Doo”.



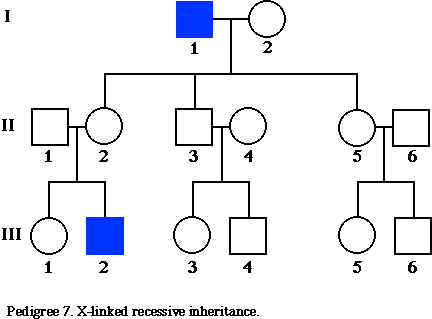
1. What type of pedigree is this?
2. What is the percentage chance for the second F2 son is not a carrier?



1. What is the percentage chance that the F4 generation will have this disorder if the affected son marries a heterozygous female?

Finally you found a pedigree on the ground with smudges and mud all over it. It says “Map to the treasure”, however that does not make much sense. Take a look at it and see if you can figure anything out.





1. What type of pedigree are we working with?
2. What are the possible genotypes/phenotypes for the covered persons?
3. Which persons are carriers?