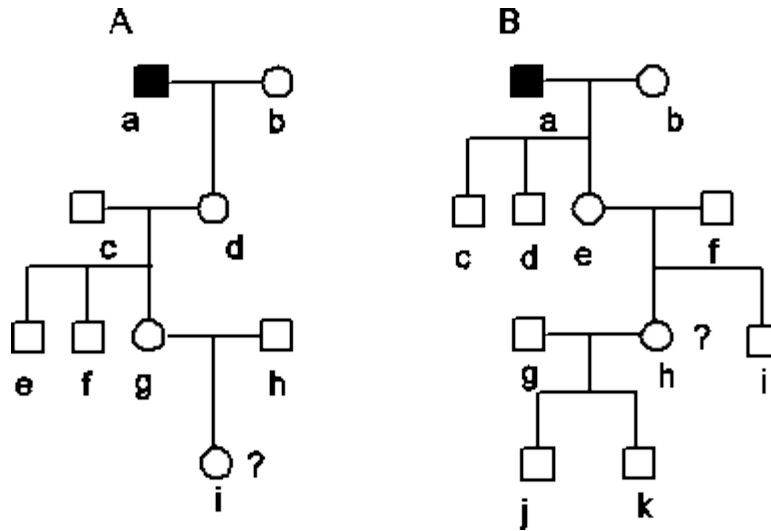


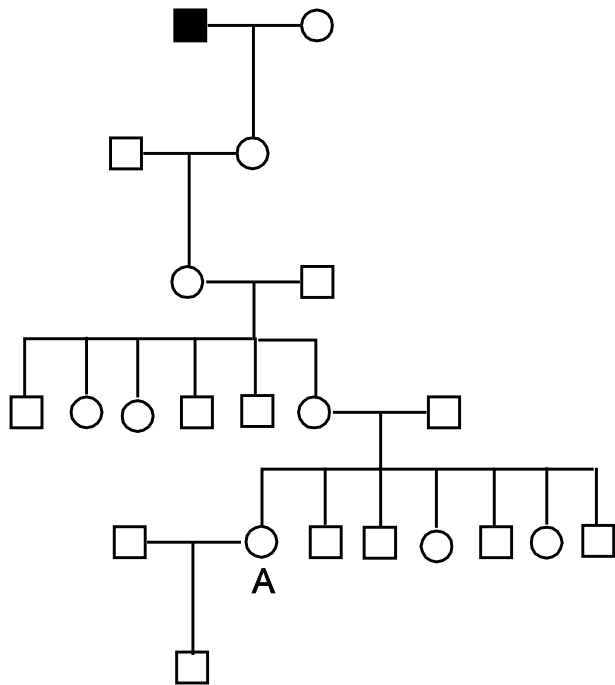
Q1 X-LINKED RECESSIVE DISEASE

For pedigree A: what is the probability that “i” is a carrier? What is the risk for her next boy-child?

For pedigree B: what is the probability that “h” is a carrier? What is the risk for her next boy-child?



The same question for the following pedigree, person A



Q2 DOMINANT DISEASE

Given a dominant disease with allele frequency of 0.03, what is the risk for next child?

