**Bozeman Video Guide:**

**Pedigree Analysis**

1. On a pedigree, females will always be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and males will always be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. What does a horizontal line between a circle and a square mean?
3. Affected individuals in the trait you want to study will be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Is the following pedigree of an autosomal dominant or autosomal recessive trait?

Fill in the pedigree and explain your answer (in detail):



Dominant or recessive? Explain your answer.

*Fill in by assuming that it is a dominant trait:*



*Fill in by assuming that it is a recessive trait:*