**VIDEO GUIDE BOZEMAN BIOLOGY MENDELIAN GENETICS**

1. The first generation in a genetic cross is called the \_\_\_\_\_ generation.
2. Offspring of the first cross is called the \_\_\_\_\_\_\_ generation
3. What did Mendel conclude from the results of his F2?
4. Why did white flowers reappear in the F2?
5. Explain Mendel’s Law of Segregation of Alleles.
6. Explain Mendel’s Law of Independent Assortment. Give an example.
7. Why does red hair most often occur with freckles?

On the back of this sheet, do all six of the practice problems in the video. Write out the questions and ***show all of your work***!!!

1. What is Huntington’s Disease?
2. How is it inherited?
3. Why is it still present in the gene pool even thought it is always fatal?