BOZEMAN BIOLOGY VIDEO-Mendelian Genetics
Watch this video and take notes in your BILL.
Here are the problems he shows you how to solve.

1. A coin is flipped four times and comes up heads each time. What is the probability
that the next coin flip will come up heads?

2. Round (R) is dominant to wrinkled (r). Yellow (Y) is dominant to green (g).
Classify the following as heterozygous or homozygous?
 RR
 Rr
 yy
 YyRR

3. What is the phenotype of the following:
 Yy
 Rr
 yy
 YyRr

4. What is the probability of Rr X Rr producing wrinkled seeds?

5. What is the probability of Yy X yy producing green seeds?

6. What is the probability that RrYy X RRYy would produce RrYy?