

Name _____

Date _____ Per _____ Asst _____



Blood Groups and Heredity Treasure Hunt

1. Blood groups are controlled by _____.
2. The alleles that control blood type are _____, _____, and _____.
3. Although there are three alleles that control blood type, each person has only _____ genes for that trait.
4. The A and B alleles are _____, but the O allele is _____.
5. A person with an AA genotype will have _____ blood type.
6. A person with an Ao genotype will have _____ blood type.
7. A person with a BB genotype will have _____ blood type.
8. A person with a Bo genotype will have _____ blood type.
9. A person with an AB genotype will have _____ blood type.
10. A person with an oo genotype will have _____ blood type.
11. What are the possible genotypes produced by the crossing of a Ao and AB parent?
_____.
12. What fraction of these offspring would have a phenotype of blood group A? _____,
B? _____, O? _____, AB? _____