

**What two alleles could a person with blood type A have? With type B? With type AB? With type O?**

- **A:** AA, AO
- **B:** BB, BO
- **AB:** AB
- **O:** OO

**If a person with type AB blood had a child with a type O person, what possible blood types could their child have? What would be the likelihood of each type?** A + B, O + O: - A + O -> A - B + O -> B  
**50% A, 50% B**

**If the offspring from the previous question grew up to have a child with a type AB person, what blood types could their child potentially have?** O+A||B, A+B: - O + A -> A - O + B -> B - A + A -> A - B + B  
 -> B - A + B -> A+B - B + A -> A+B  
**1/3 A, 1/3 B, 1/3 A + B**