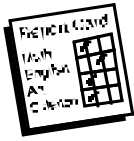


Name \_\_\_\_\_

Date \_\_\_\_\_ Per \_\_\_\_\_ Asst \_\_\_\_\_



## Blood Groups and Heredity Assessment

1. Draw a Punnett square showing all of the possible offspring genotypes produced by parents with AB and O blood.

	A	B
O		
O		

2. What fraction would have type AB blood? \_\_\_\_\_
3. What fraction would have type A blood? \_\_\_\_\_
4. What fraction would have type B blood? \_\_\_\_\_
5. Is it possible for these parents to have a child with blood type O?
6. Draw Punnett squares to show all of the possible offspring blood types from a mother with blood type A and a father with blood O. Note that you will need to set up two Punnett squares. You need to begin by determining the possible genotypes of mom and dad.



What must be the mother's genotype in order to have a child with blood type O? \_\_\_\_\_