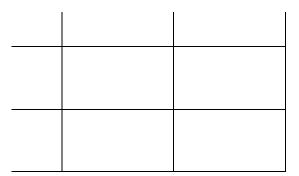
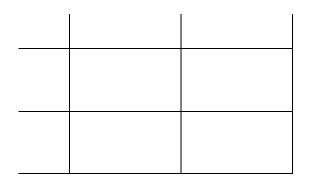
Name	Period	
Regents Biology	Date	

## **GENETICS PRACTICE 3: BLOOD TYPE GENETICS**

- 1. Answer the following questions based on human blood group genetics.
  - a. The father of a child has type AB blood. The mother has type A.

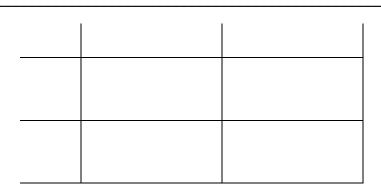
Which blood types can their children NOT have? \_\_\_\_\_



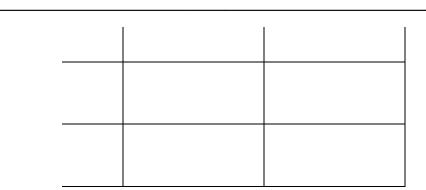


b. A woman with type A blood and a man with type B blood could potentially have offspring with what blood types?

c. The mother has type A blood. Her husband has type B blood. Their child has type O blood. The father claims the child can't be his. Is he right? Explain.



d. The mother has type B blood. Her husband has type AB blood. Their child has type O blood. The father claims the child can't be his. Is he right? Explain.



e. The mother has type AB blood. The father has type B blood. *His* mother has type O blood. What are all the possibilities of blood type for their children?

