

Name:

Date:

Period:

Biology: Understanding ABO Blood types

Fill in and explain the following chart of Blood types.

Blood- type	Red Blood Cells showing surface antigens	Plasma Antibodies
A		
B		
AB		
O		

Fill in and explain the following chart Donor and Recipient Blood-type reactions:

Donor Blood Type	Recipient Blood-type			
	A	B	AB	O
A				
B				
AB				
O				

- 1) Why is blood type AB called the universal recipient and blood-type O called the universal donor?
- 2) What is a person's blood-type if they can only produce A antibodies? If they do not produce any antibodies? If they produce A and B antibodies?
- 3) What happens when blood clots as a result of an incorrect blood-type match?
- 4) What is the rH factor and how does it affect matching donor blood to recipient blood?

