

Name: _____

Class: _____

WORKSHEET

7.2 Blood groups

ABO blood groups

1 a What is an antigen?

b What is an antibody?

2 Why can a person not produce antibodies against their own blood?

3 Complete the following ABO blood group table.

Blood group	Genotype	Antigens present	Antibodies present
A	AO		
B	BO		
AB	AB		
O	OO		

4 What patterns of inheritance does the ABO blood group follow?

Rhesus blood groups

5 Complete the following Rhesus blood group table.

Blood group	Genotype	Antigens present	Antibodies present
Rh+	Rh+Rh+		
	Rh+Rh-		
Rh-	Rh-Rh-		

6 What pattern of inheritance does the Rhesus blood group follow? Explain.

7 Do both blood groups co-exist? Explain.