

# Blood Type Review Worksheet

Use your notes if needed to help answer the following questions.

1) Circle the antigens that would exist on red blood cells if a person was type AB- blood.

A antigen      B antigen      Rh antigen

2) Circle the antibodies that would exist in blood plasma if a person was type AB- blood.

A antibody      B antibody      Rh antibody

3) Which blood type would only have Rh and A antigens on the surface of red blood cells?

A+      A-      B+      B-      AB+      AB-      O+      O-

4) Which blood type would have no Rh antigens, but only have B antigens on the surface of red blood cells?

A+      A-      B+      B-      AB+      AB-      O+      O-

5) Which blood type would only have Rh and B antibodies flowing through blood plasma?

A+      A-      B+      B-      AB+      AB-      O+      O-

6) Maxwell has lost a lot of blood and needs a transfusion. Doctors at the hospital have identified that he has A- blood type, which means he also has B and Rh antibodies in his plasma. Circle blood types he can safely receive?

A+      A-      B+      B-      AB+      AB-      O+      O-

7) A person who has B+ blood has the B and Rh antigen on their red blood cells. Circle the blood types that should not receive B+ blood in a transfusion.

A+      A-      B+      B-      AB+      AB-      O+      O-

Jason is rushed to the hospital after losing blood from a work related accident. Because he was wearing a medical bracelet, the hospital staff knows that he has AB- blood type. Answer the following questions.

8) Circle the antigens found on his blood cells.

A      B      Rh

9) Circle the antibodies that can be found in his plasma.

A      B      Rh

10) Circle the types of blood that Jason can receive in a blood transfusion.

A+    A-    B+    B-    AB+    AB-    O+    O-

Maria (type B+) and Jacob (type B-) are sister and brother.

11) Circle the antigens found on Maria's blood cells.      A      B      Rh

12) Circle the antigens found on Jacob's blood cells.      A      B      Rh

13) Circle the antibodies found inside Maria's plasma.      A      B      Rh

14) Circle the antibodies found inside Jacob's plasma.      A      B      Rh

15) Can Jacob receive Maria's blood in the event of an emergency? Explain.

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16) Can Maria receive Jacob's blood in the event of an emergency? Explain.

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