

Name: _____ Date: _____ Period: _____

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.

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