Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Immunity Worksheet 4**

**Blood typing**

*Either fill in the missing information or circle the correct term in italics*



These red blood cells have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ antigens on them. Antibodies for \_\_\_\_\_\_\_\_\_\_\_ antigens are present in the plasma. The antibodies produced *will / will not* bind with the proteins on the “self” cells. This blood type is \_\_\_\_\_\_\_\_\_\_



These red blood cells have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ antigens on them. Antibodies for \_\_\_\_\_\_\_\_\_\_\_ antigens are present in the plasma. The antibodies produced *will / will not* bind with the proteins on the “self” cells. This blood type is \_\_\_\_\_\_\_\_\_\_



These red blood cells *do / do not* have proteins on them and antibodies *are / are not* produced. This blood type is \_\_\_\_\_\_\_\_\_\_



These red blood cells *do / do not* have proteins on them and antibodies *are / are not* produced. This blood type is \_\_\_\_\_\_\_\_\_\_

For each diagram, draw the image you would see if antibodies were added to the following blood slides. Use the key provided below. *Anti-A serum contains A antibodies, Anti-B serum contains B antibodies*

 **Normal blood Clotted blood**

**Type A Blood Type B Blood**

 **Anti-A Anti-B**

 **Anti-A Anti-B**

**Type O Blood Type AB Blood**

 **Anti-A Anti-B**

 **Anti-A Anti-B**