Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_

**Blood Clotting Quiz**

**Word Bank**

erythropoietin RBC’s thrombus coronary thrombosis embolus

cerebral embolus hemophilia thrombocytopenia erythropoiesis interleukins

hemostasis WBC’s

1. A blood clot that forms on the wall of an unbroken blood vessel is a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a hereditary disease caused by a lack of clotting factors.

3. A(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a blood clot that block a blood vessel in the brain causing a stroke.

4-5. A hormone that is released in response to inflammatory chemicals or exposure to bacteria is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. It stimulates the production of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

6. A disease that is treated by giving transfusions containing plasma only is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

In the first set of blanks, number the steps in the order that the body takes to stop the blood flow in the order that they occur. In the second blank, put the letter that matches the description of what occurs during that step.

\_\_\_\_\_ \_\_\_\_\_ 7-8. vascular spasms A) platelets stick to damaged tissue and cells.

\_\_\_\_\_ \_\_\_\_\_ 9-10. platelet plug formation B) thrombin stimulates the formation of fibrin mesh.

\_\_\_\_\_ \_\_\_\_\_ 11-12. coagulation C) platelets release serotonin, causing blood vessels to narrow

13-14. Describe in a paragraph how your body monitors and adjusts the oxygen levels of your blood.