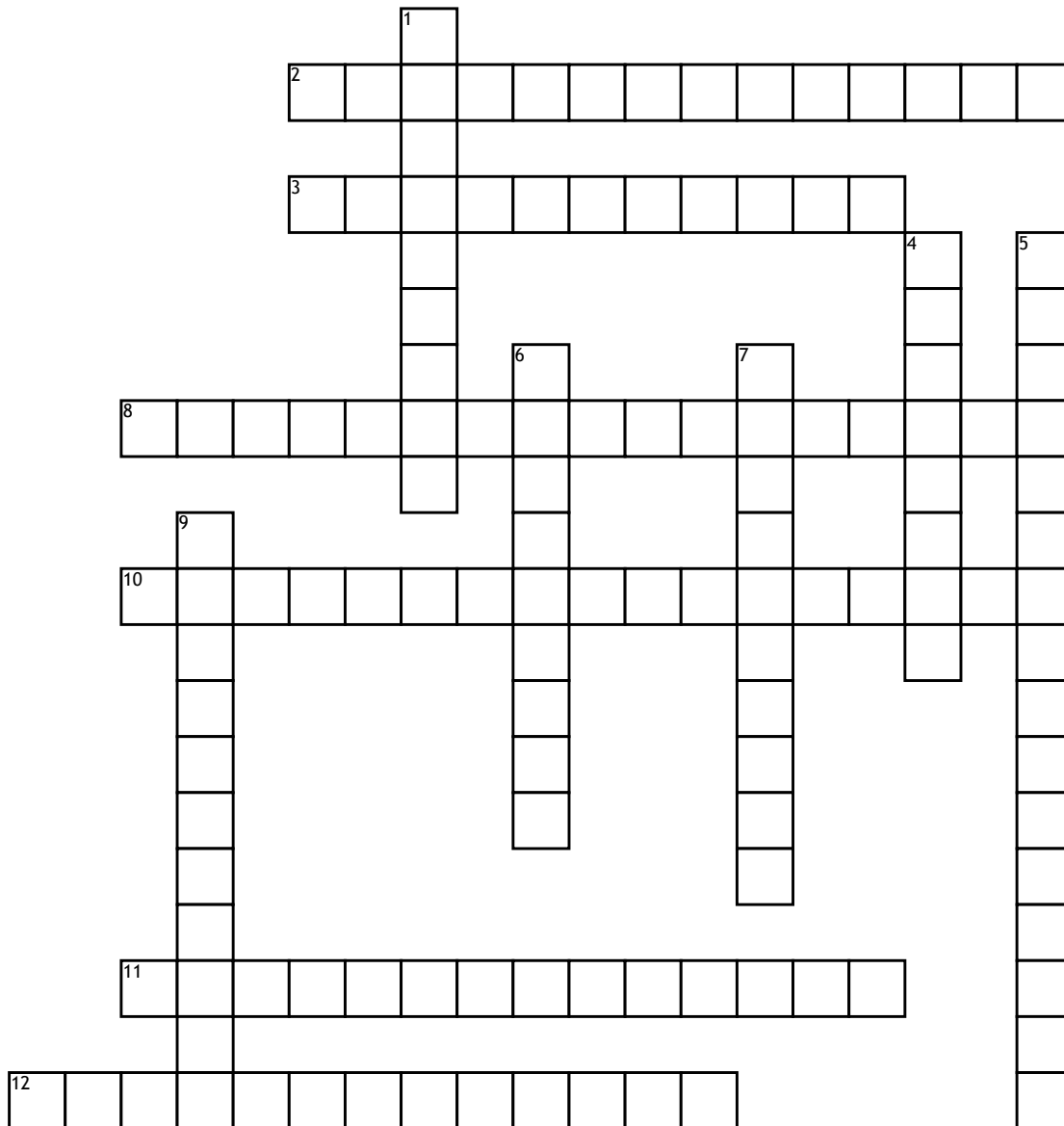


Name: \_\_\_\_\_

# Hematopoietic Disorders



## Across

2. Production of red blood cells  
3. Not effective unless sufficient iron is present  
8. Results from inheritance of the sickle hemoglobin and causes the hemoglobin molecule to be defective  
10. Type of anemia caused by defect in erythrocyte production  
11. Type of anemia caused by an inadequate intake of dietary iron

12. Type of anemia caused by deficiency of vitamin B12 of folic acid and erythrocytes are produced abnormally large

## Down

1. Produced mainly by bone marrow and WBCs, regulate cellular activity, initiates processes required to produce fully mature cells, and affects cell-to-cell communication  
4. Type of anemia caused by a decrease in or damage to marrow stem cells

5. This medication binds to specific membrane receptors on the cell surface enhancing immune response inhibiting viral replication in virus-infected cells  
6. Type of anemia caused by erythrocyte destruction  
7. Goal of this medication is to decrease number of infection  
9. This medication interferes with DNA synthesis and alters characteristics of RBCs and decreases the need for transfusions