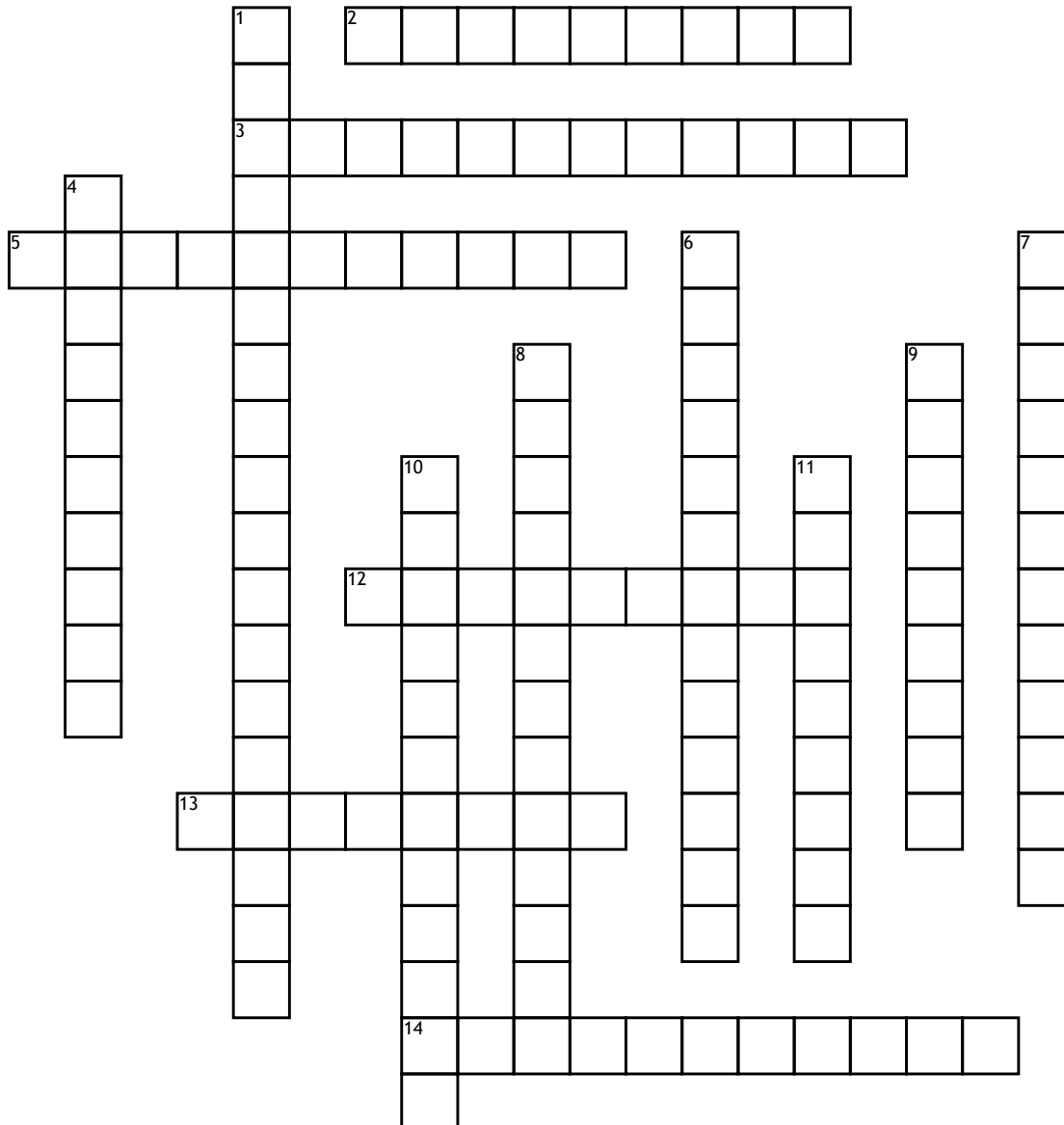


Name: _____

Date: _____

Cellular Defenses



Across

2. proteases that enter through pores into target cells cytoplasm where they trigger a cascade of protein activation that leads to apoptosis
 3. platelets
 5. have a nucleus with three to five lobes and small, numerous, lilac-colored granules
 12. appear to be derived from the same common myeloid progenitor cells as neutrophils, eosinophils, and basophils
 13. a protein that creates pores in the target cell

14. granulocyte with fewer lobes in the nucleus and larger granules that stain reddish orange

Down

1. mononuclear lymphocytes that use nonspecific mechanisms to recognize and destroy cells that are abnormal in some way
 4. white blood cells
 6. leukocyte or monocyte that lacks visible granules in the cytoplasm
 7. red blood cells

8. Process of differentiation in which the HSCs differentiate into different type of blood cells that, once mature, circulate in peripheral blood

9. leukocytes that have a nucleus that lacks lobes
 10. leukocytes that have numerous granules visible in the cytoplasm
 11. granulocytes with two-lobed nucleus and large granules that stain dark blue or purple