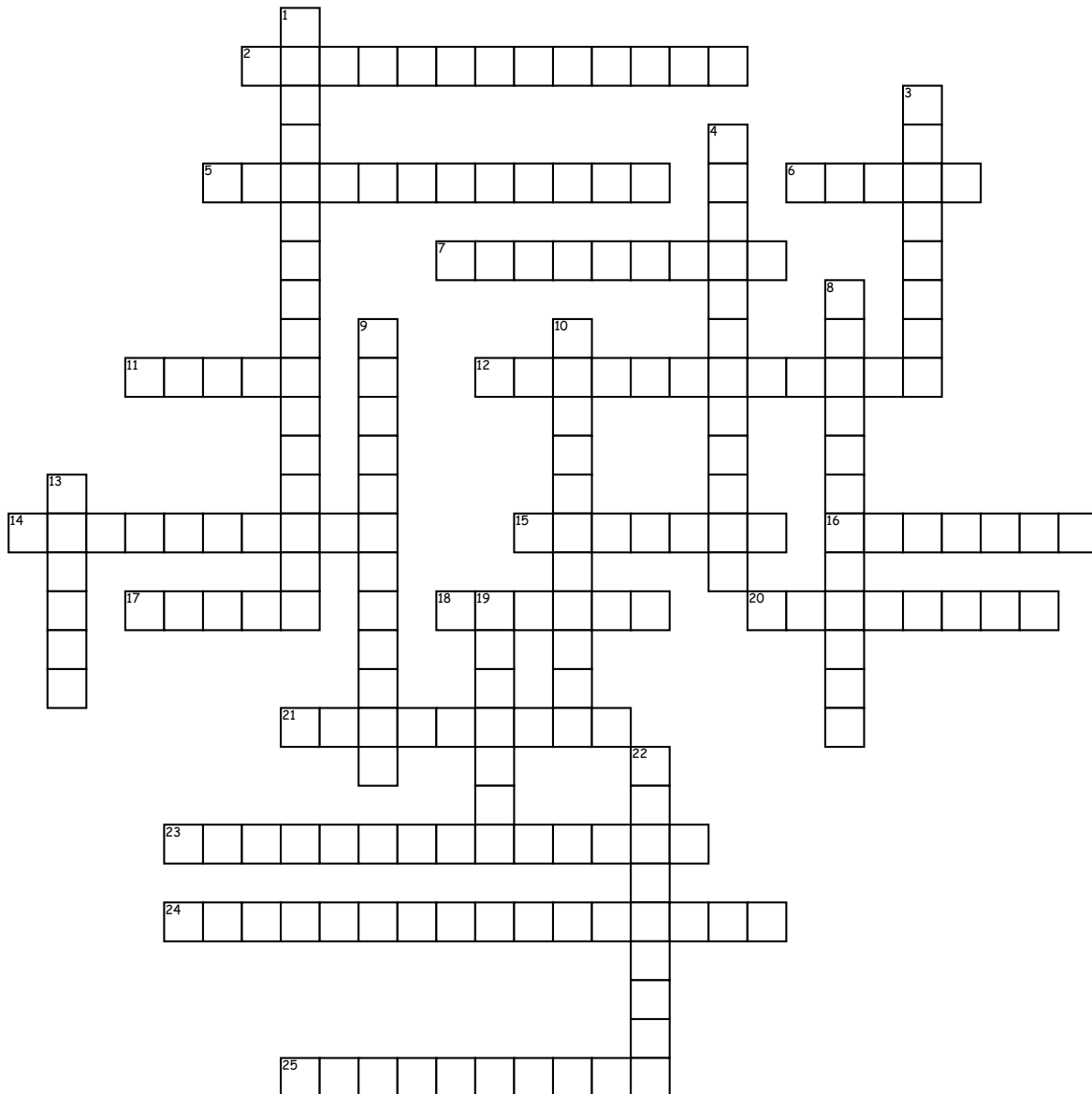


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# RadBio Radiation Effects



## Across

2. Development of germ cells by both ovaries and testes that occurs at varying rates and times
5. Platelets involved in blood clotting
6. Soft x-rays once used to treat skin diseases such as ringworm
7. Loss of hair
11. Syndrom represented by the sequence of events after high level radiation exposure that leads to death within days or weeks
12. Red blood cells that are the transportation agents for oxygen
14. Reduction in white cells of the peripheral blood
15. Ovarian stem cells encapsulated by primordial follicles during late fetal life

## Down

16. Stem cells of the ovaries
17. Stem cells in the lowest layer of the skin that mature as they slowly migrate to the surface of the epidermis
18. Period during which a subject exposed to radiation is free of v isible effects
20. Sunburn like reddening of the skin
21. Syndrome of acute clinical symptoms that occur within hours of exposure and continue for up to a day or two
23. Rapid rise in scavenger cells
24. Rapid decrease then slower decrease, in scavenger cells
25. White Cells

## Down

1. \_\_\_\_\_ Radiation Syndrome is produced by radiation doses of approximately 10 to 50 Gy(t).
3. \_\_\_\_\_ illness refers to the acute radiation lethality stage, including hematologic
4. Platelets
8. Scavenger cells used to fight bacteria
9. Ulceration and denudation of the skin
10. Reduction in the number of immune response cells
13. Intermediate layer of connective tissue in the skin
19. Effect of cell death, resulting in reduction in size of tissue or organ
22. Outer layer of the skin