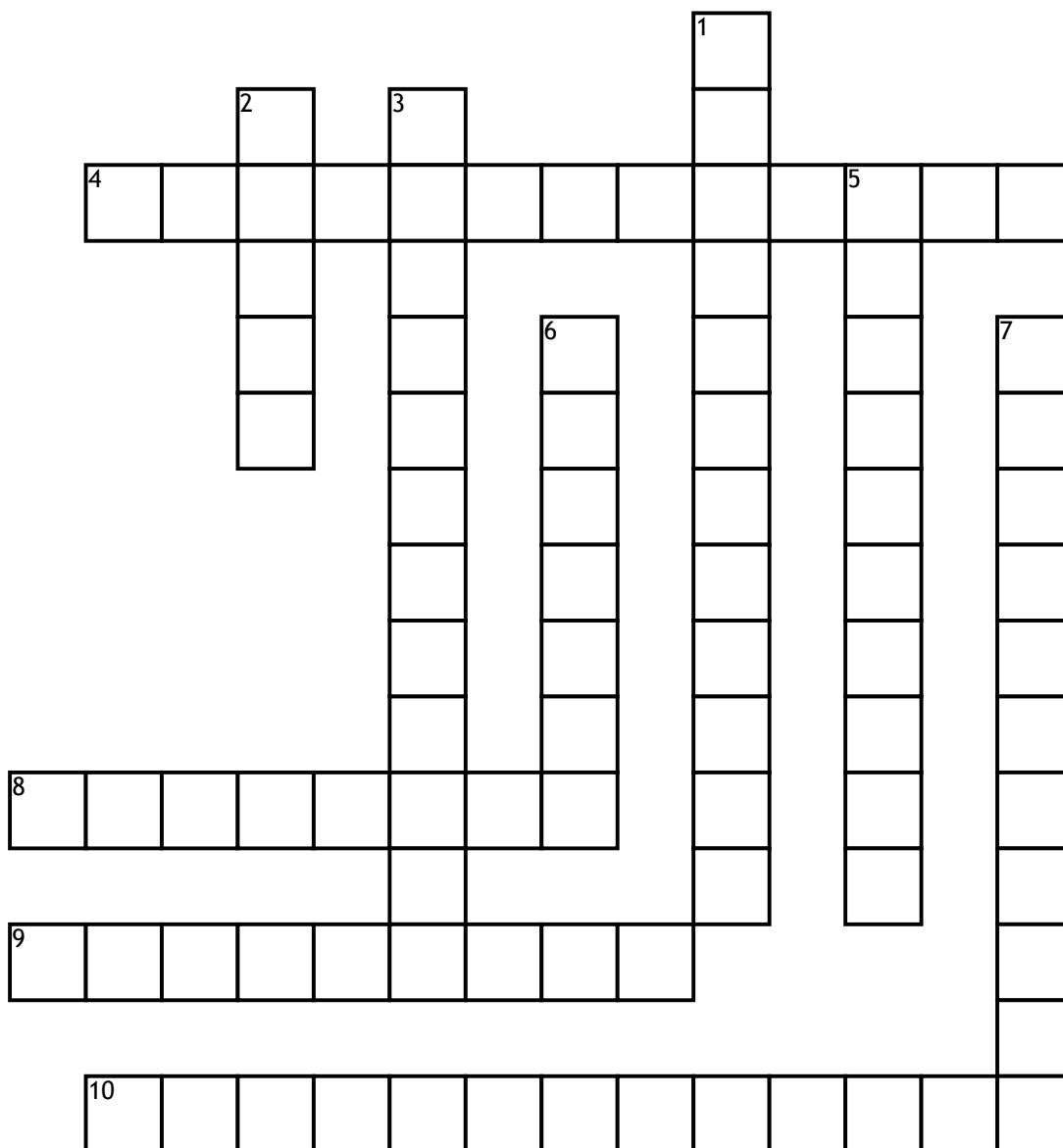


Name: _____

Date: _____

Nuclear Medicine



Across

4. Particulate form of ionizing radiation consisting of a helium nucleus

8. time required for disintegration of half of the original activity of a radioactive nuclide

9. unit of radioactivity in SI

10. deposition of radioactive material in any place where its presence is not desired

Down

1. ionizing radiation with characteristics of an electron

2. imaging system that uses one to three gamma detectors to produce tomographic images

3. type of atom whose nucleus disintegrates spontaneously

5. device use to confine the elements of a beam within an assigned solid angle

6. nuclides of the same element that have different atomic mass but the same number of protons

7. Process by which radiation is reduced in intensity