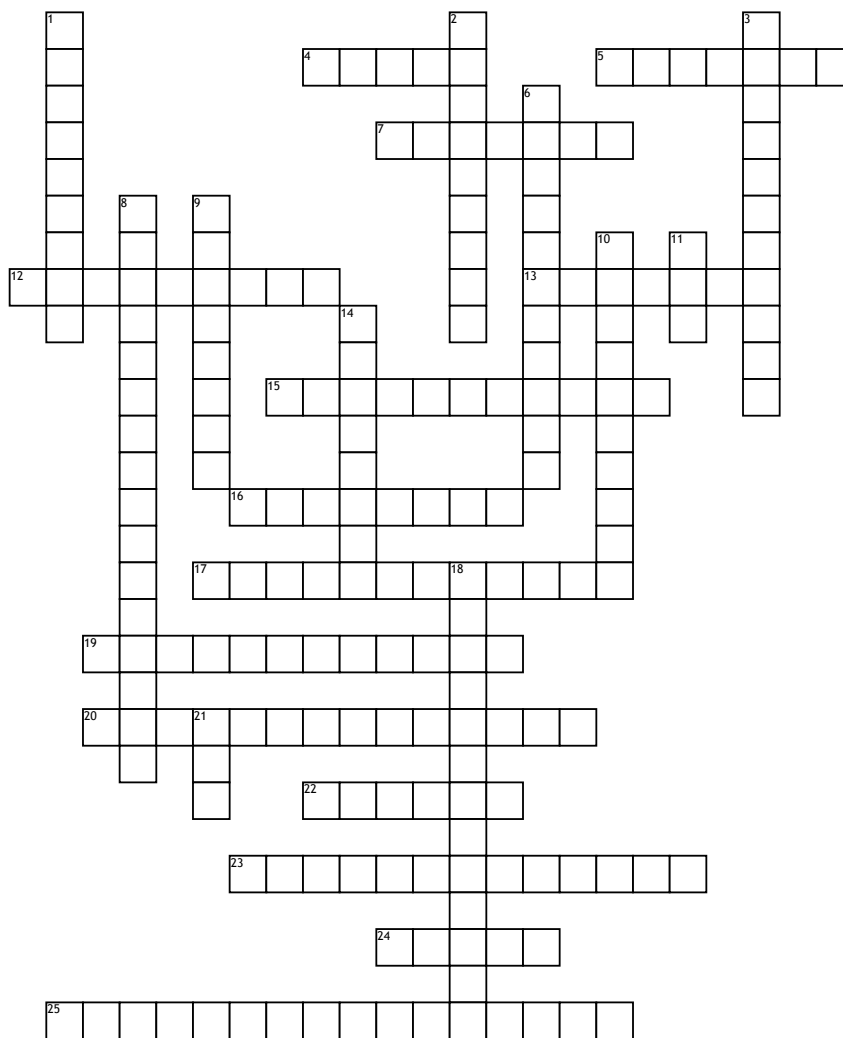


Name: _____

Date: _____

Science Vocab Guide



Across

4. elements that conduct electricity and heat well and have a shiny appearance
 5. have a positive charge
 7. the center of an atom
 12. elements that have properties of both metals and nonmetals
 13. atoms of the same elements that have a different number of neutrons
 15. rare earth metals
 16. have a neutral charge
 17. very reactive group
 19. how many protons an atom has
 20. less reactive than alkali metals

22. horizontal lines on the periodic table

23. formed when radioactive decay emits particles and radiations

24. vertical lines on the periodic table
 25. the process by which unstable atoms become more stable

Down

1. all radioactive

2. have a negative charge

3. formed when there are more protons than electrons

6. formed when there are more electrons than protons

8. malleable and more reactive than most other metals

9. very reactive nonmetals that easily form compounds called salts

10. almost never react with other elements

11. formed when an atom loses or gains one or more electrons

14. poor conductors of heat and electricity and have a dull appearance

18. the place where the most probability of electrons will be

21. atomic mass unit

Word Bank

AMU	actinides	nucleus	protons	alkali metals
nonmetal	electrons	alkaline metals	noble gases	electron cloud
metal	neutrons	radioactivity	atomic number	lanthanides
period	positive ion	isotope	transition metals	ion
group	metalloid	halogens	radioactive decay	negative ion