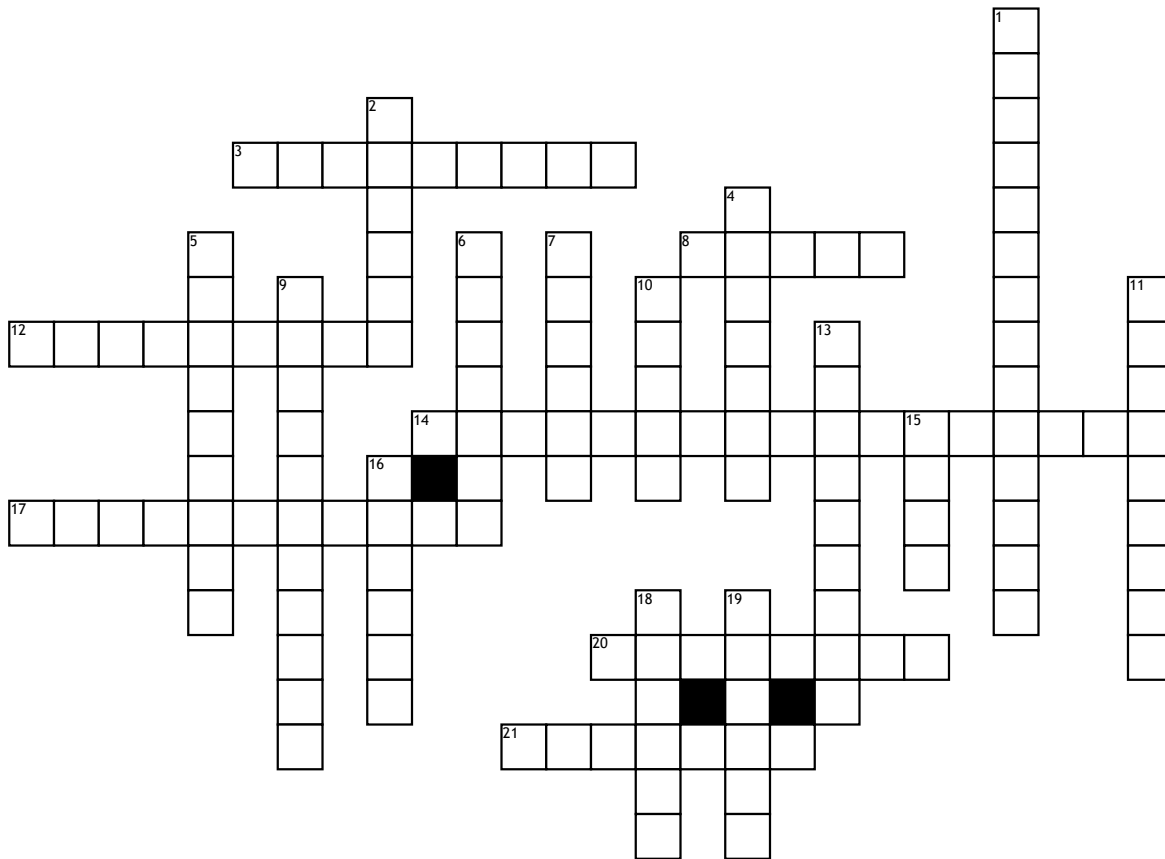


Name: _____

Date: _____

Vocabulary 2



Across

3. small group of stars used to form a picture or represent an object
8. circle around an object due to gravity
12. the distance light travels in one year
14. brightens as it appears on Earth
17. studies the motions of heavenly bodies
20. the apparent change in the position of an object caused by the actual change in the position of the observer

21. large clouds of gas and dust floating in space

Down

1. divisions of the celestial sphere
2. when a meteoroid enters Earth's atmosphere and burns
4. force of attraction that exists between any 2 objects
5. small chunks of rock or metal in space
6. 2 focal points other than center point like a circle
7. rapidly rotating neutron star that gives off radio waves

9. hot core left over after a supernova; extremely dense
10. asteroid sized object of rock; frozen material that forms a bright trail
11. explosion of a star
13. object so massive and dense that light cannot escape its gravity
15. star flared up 2 times its original brightness
16. time it takes to complete orbit around the sun
18. space without matter
19. massive star system containing millions - billions of stars