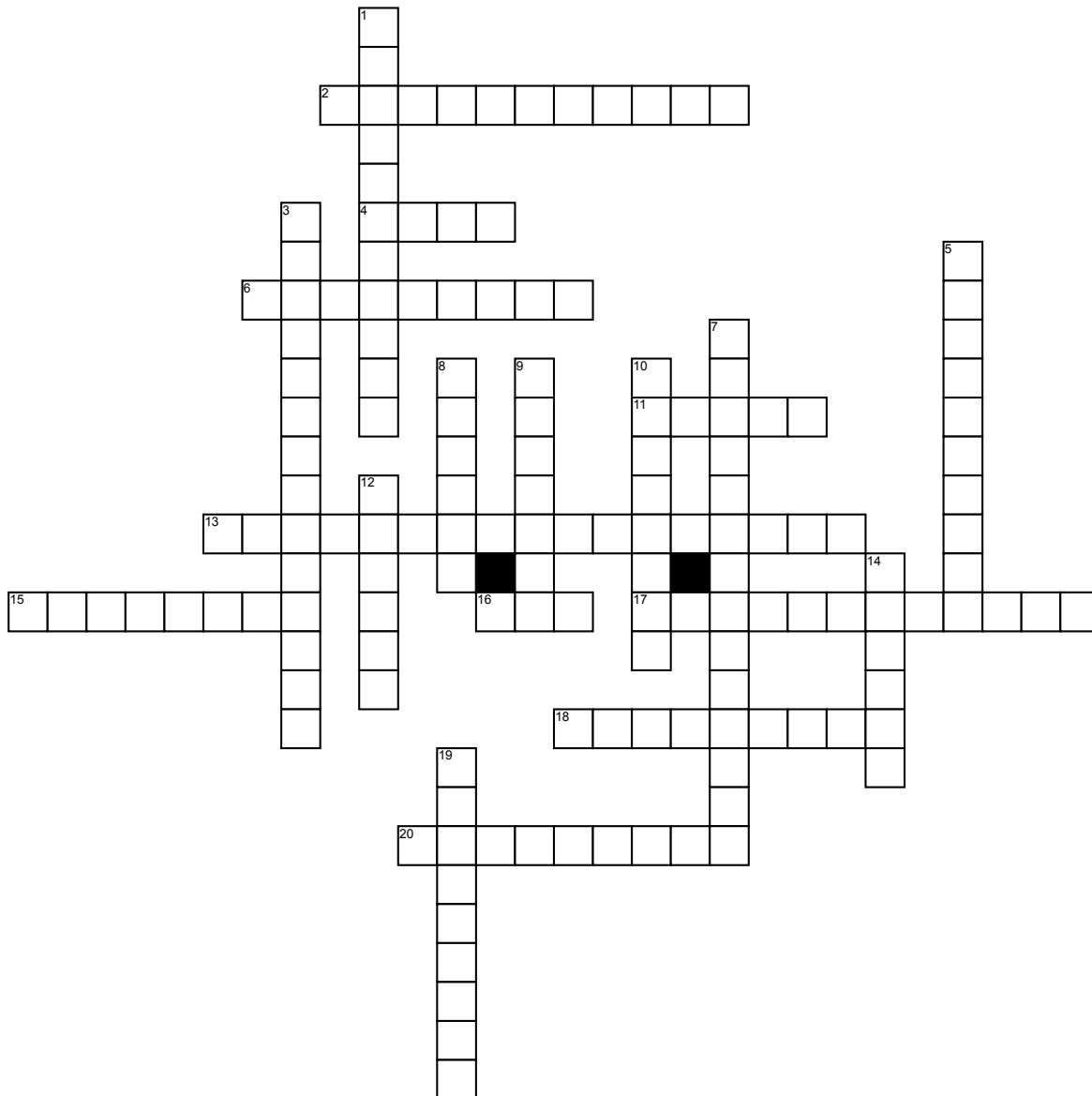


# Square Kilometer Array



## Across

2. What is in the center of the radio telescope?  
 4. What can be calculated if we know the rotation of the galaxy?  
 6. Where are the "Christmas trees" located in?  
 11. How many minutes does the light takes travelling from the sun to the earth?  
 13. What makes the Magellanic Clouds spin around the Milky way?  
 15. The SKA connects with different parts by using?  
 16. The radio camera is like a fly's what?

17. What is the second difficulty for building the dishes in South Africa?

18. how many centimeters the wave length is for a "Galaxy FM"?

20. Where does Dr. Lisa used to work in ?

## Down

1. What stuff you can measure its gravity but you can't see by using the telescope?  
 3. where are the dishes located in?  
 5. What technology can help astronomers to observe the sky in different ways and colors?

7. Why the scientists do not build the telescope in a city?

8. What is spinning around the compact objects like black hole?

9. What kind of force in the cosmos can bend the space and time?

10. What is the closest planet system to our solar system?

12. The radio wave telescope's dish should be much(bigger or smaller)than the optical telescope

14. As the galaxy goes away from you the wavelength gets(Longer or shorter)?

19. What is in the center of the Centaurus Galaxy?