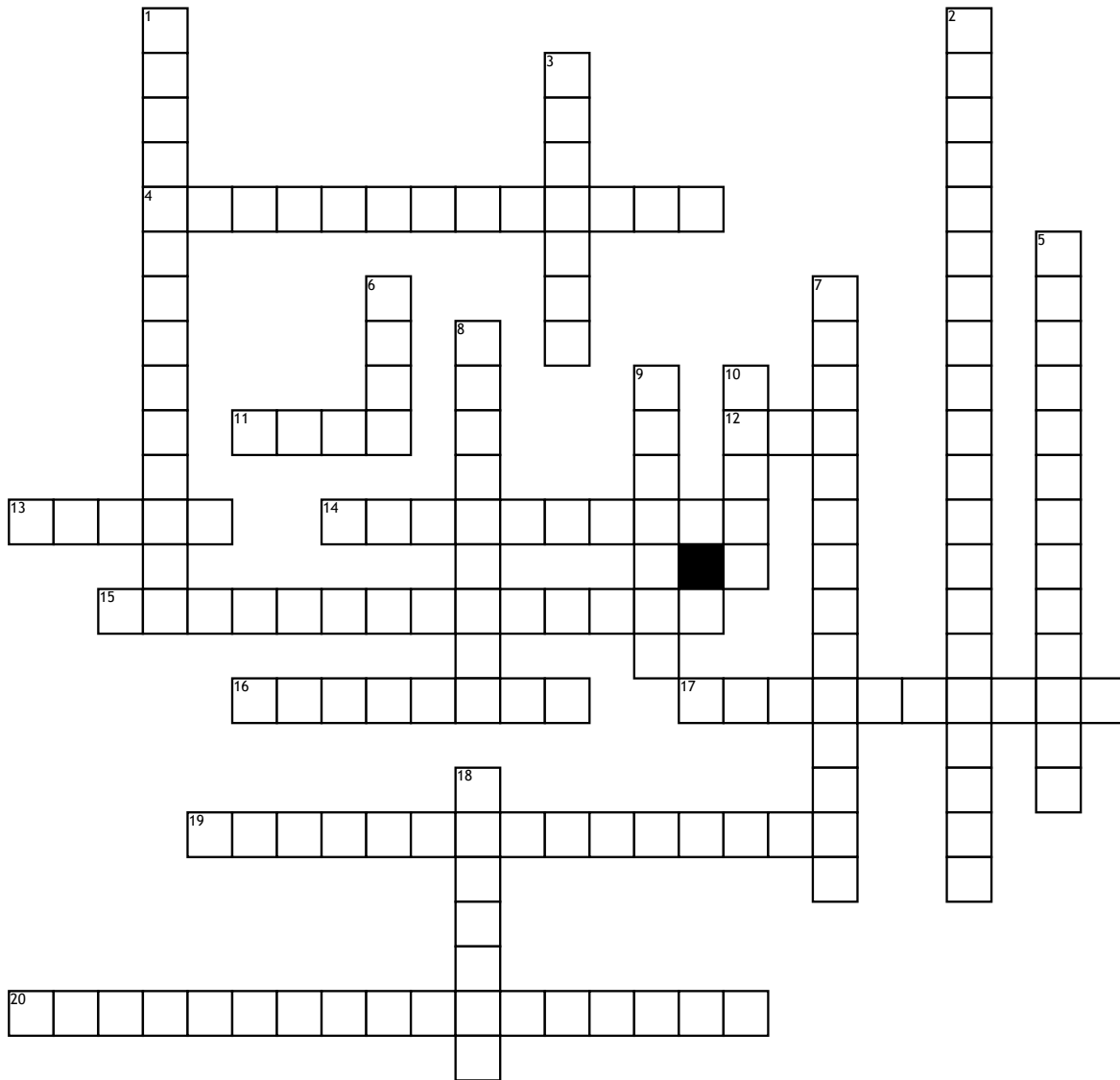


# The Square Kilometre Array



**Across**

- 4. Approximately how many stars can we see with the naked eye?
- 11. Since what year did we have telescopes?
- 12. What planet (other than the earth) is also a magnet?
- 13. What kind of telescope is the SKA?
- 14. What is the "missing component of matter" in our universe?
- 15. What is the term used to describe many linked up telescopes?

- 16. In what part of Africa will one of the two sites be located?
- 17. What do the telescopes collect to process?
- 19. What is the name of the gas with the closest galaxies to us called?
- 20. Who is the CSIRO scientist explains the SKA?

**Down**

- 1. What is the term used to describe unwanted light from electricity?
- 2. What is the project that currently has the largest interferometry?

- 3. What stars are compact and "like lighthouses"?
- 5. The effect of pitch changing due to a moving object
- 6. When will phase one of the SKA be completed? (year)
- 7. What is the scientific goal that Dr. Lisa studies?
- 8. What is supposedly located at the centre of our galaxy?
- 9. In what part of Australia will one of the two sites be located?
- 10. What organization runs the SKA project
- 18. Who invented the first telescope?