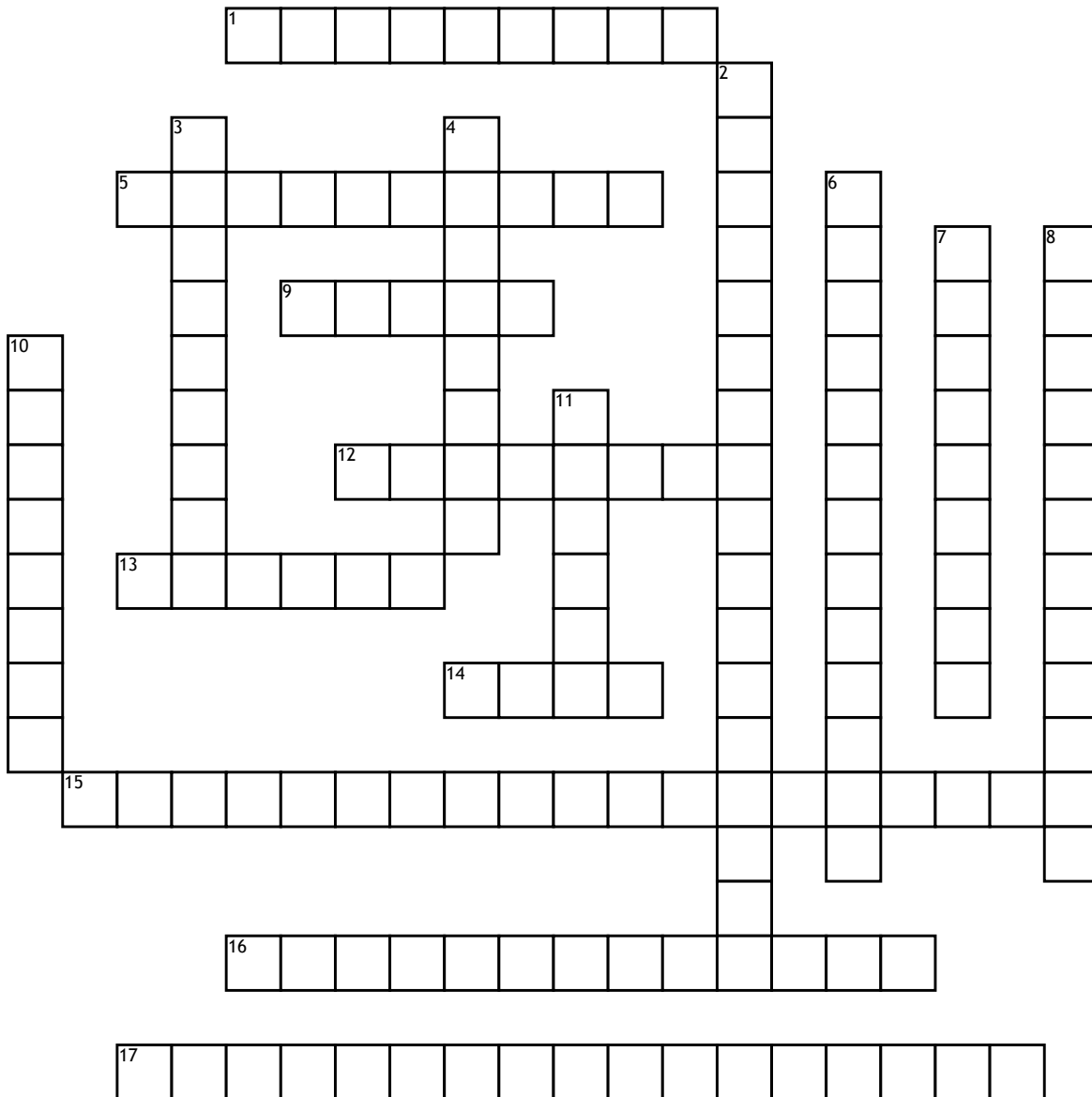


# Astronomy Crossword



## Across

1. the displacement of the spectrum to shorter wavelengths
5. brightness of a star
9. an object made of ice and dust and when close to the sun it creates a tail
12. all existing matter
13. billions of stars clustered and held by gravitational attraction

14. a white dot in the sky some what similar to the sun
15. the range of wavelengths of frequencies over which electromagnetic radiation extends
16. explosion in space
17. a celestial object measured from earth

## Down

2. the brightness of a celestial object as it would be seen at a standard distance.
3. a star that increases in brightness
4. a rock in space orbiting the sun
6. an increase in the frequency of sound
7. a scatter plot of stars
8. a series of stars
10. spectral lines toward longer wave lengths
11. a cloud of gas and dust in outer space