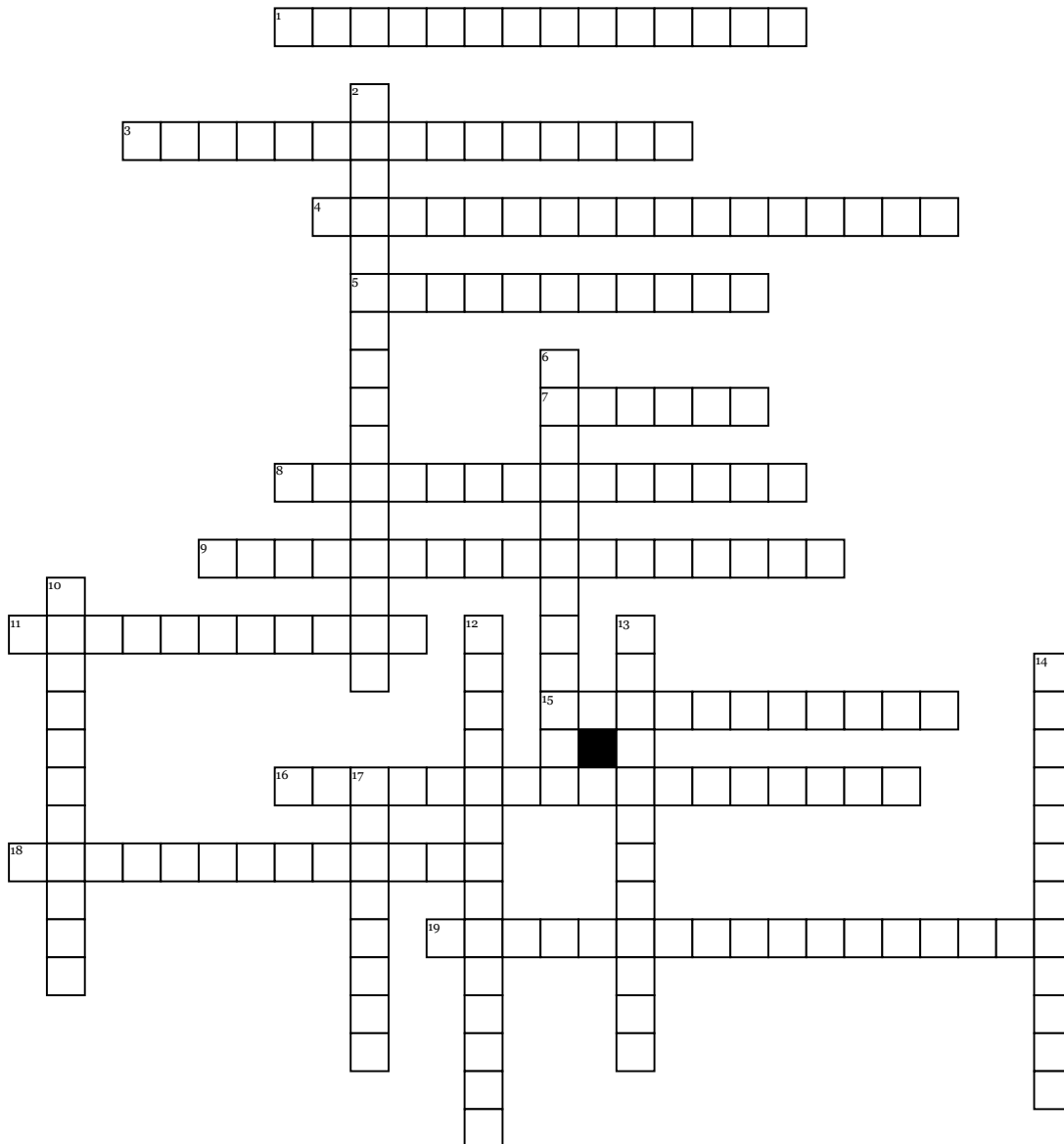


Ashunte Smallwood chapter 16



Across

1. An object such as the sun or an incandescent lamp that emits light .
3. A model that represents light as a ray that travels in a straight path.
4. Pictures you can see clearly
5. The bending of light around a barrier
7. A medium that absorbs light and reflects some light rather than transmitting it
8. Absorbs one primary color from white
9. An object such as the moon that becomes visible as a result of light reflecting off it
11. A medium that allows objects to not be seen clearly through

15. The rate at which light strikes a surface or falls on a unit area is measured in lumens per square meter
16. A color of lights which when combined with another color of light produces white light

18. Red green and blue which can be combined to form white light as mixed in pairs to produce the other colors
19. Only can be three different colors dealing with a car and it stopping going or slowing down

Down

2. Yellow cyan and magenta each of which is produced by combining two primary colors

6. The difference between the observed wavelength of light and actual wavelength of light based on the relative speed of the observer and the source of light

10. A medium that transmits light and also can reflect a fraction of the light
12. Not being able to see things clearly not 20 /20

13. Light whose waves oscillate only in a single plane

14. The rate at which light energy is emitted from a source

17. States that the intensity of light coming out of a second polarizing filter equals the intensity of polarized light coming out of a first polarizing filter