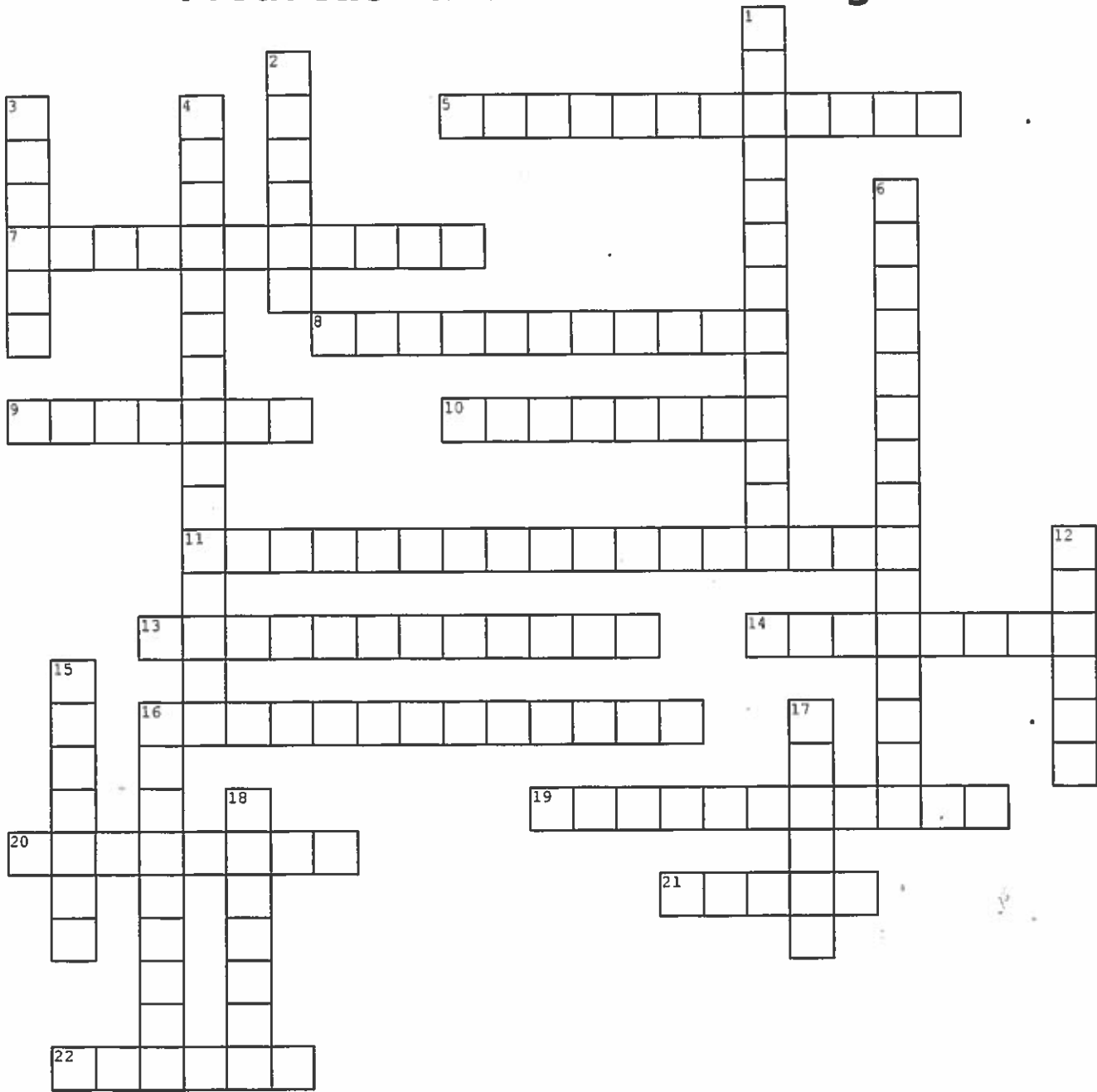


Production and Reflection of Light



Across

5. the immediate emission of visible light as a result of the absorption of UV light
7. when a material transmits some light
8. does not produce its own light
9. to spread apart
10. to meet at a common point
11. the production of light as the result of a chemical reaction with little or no heat produced
13. the incoming ray that strikes a surface
14. the reflection of light off a smooth surface
16. the ray that bounces off a reflective surface
19. when a material transmits all light
20. produces its own light
21. point at which parallel light rays converge when they are reflected off a concave mirror
22. mirror shaped like part of the surface of a sphere in which the outer surface is reflective

Down

1. the production of light as a result of high temperature
2. any physical substance through which energy can be transferred
3. point at which the principal axis meets the mirror
4. producing light by the absorption of UV light resulting in the emission of visible light
6. the production of light in living organisms
12. the perpendicular line to a mirror surface
15. the reflection of light off an irregular surface
16. a method of energy transfer that does not require a medium
17. when a material blocks light
18. mirror shaped like part of the surface of a sphere in which the inner surface is reflective