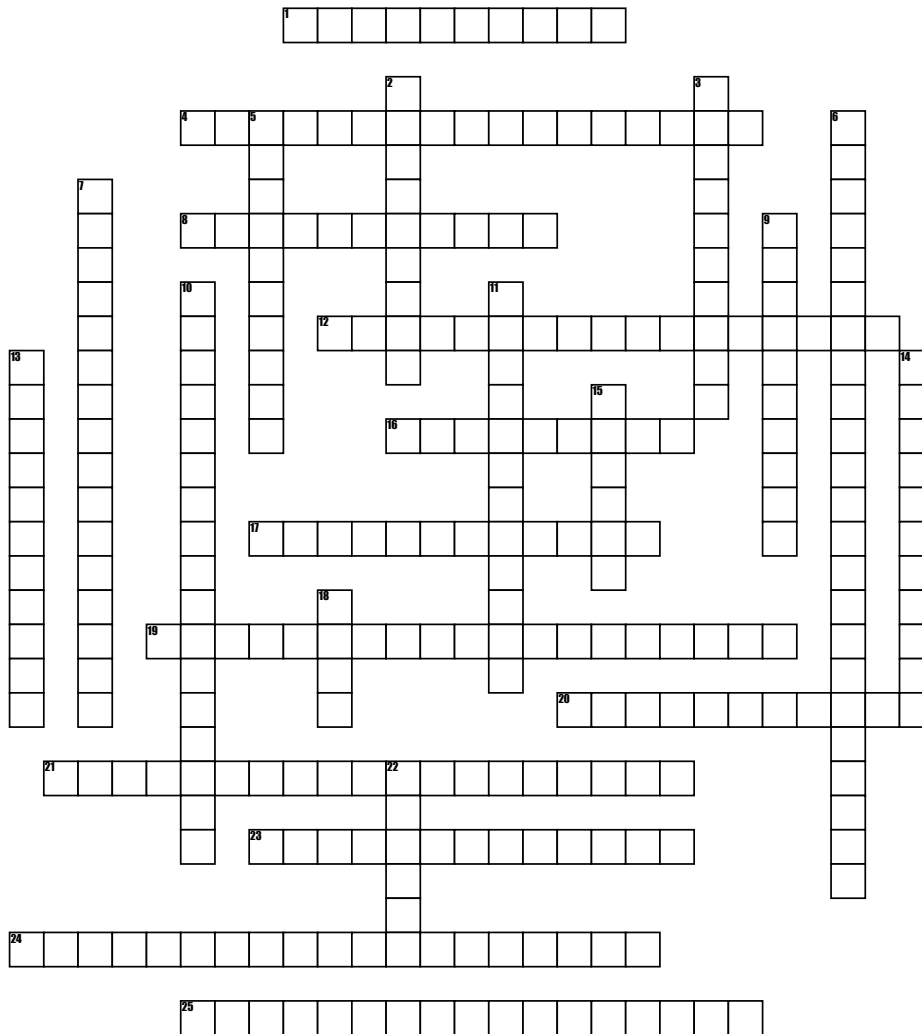


Name: _____ Date: _____ Period: _____

Ch.18 Vocab crossword



Across

1. a diagram that traces the path that light takes in order for a person to view a point on the image of an object.
4. the reflection of light or other waves or particles from a surface such that a ray incident on the surface is scattered at many angles rather than at just one angle
8. a mirror with a flat reflective surface. For light rays striking a plane mirror, the angle of reflection equals the angle of incidence.
12. the angle made by a reflected ray with a perpendicular to the reflecting surface.
16. the measurable amount of a property, such as force, brightness, or a magnetic field
17. an optical image formed from the apparent divergence of light rays from a point, as opposed to an image formed from their actual divergence
19. the modulation of a radio or other wave by variation of its frequency, especially to carry an audio signal

Down

2. a reproduction of an object via light that can be formed on a surface.
3. a transparent optical device used to converge or diverge transmitted light and to form images
5. the point at which rays or waves meet after reflection or refraction, or the point from which diverging rays or waves appear to proceed.
6. the range of wavelengths or frequencies over which electromagnetic radiation extends.
7. makes with a perpendicular to the surface at the point of incidence.
9. a small, dispersed amount of something.
10. defined as the speed of light in vacuum divided by the speed of light in the medium.
11. diverging mirror, or fish eye mirror is a curved mirror in which the reflective surface bulges toward the light source.
13. any lens that has an inward curve
14. allowing light, but not detailed images, to pass through
15. An illusion that appears on a hot road or in the desert caused by dehydration
18. an object or device that focuses or otherwise modifies the direction of movement of light, sound, electrons, etc.
22. not able to be seen through; not transparent.

Word Bank

convex mirror
Focal point
Diffuse reflection
index of refraction
amplitude modulation
translucent
regular reflection

concave lens
frequency modulation
concave mirror
angle of reflection
transparent
virtual image

lens
electromagnetic wave
Ray diagram
Intensity
mirage
real image

electromagnetic spectrum
plane mirror
opaque
convex lens
Scattering
angle of incidence