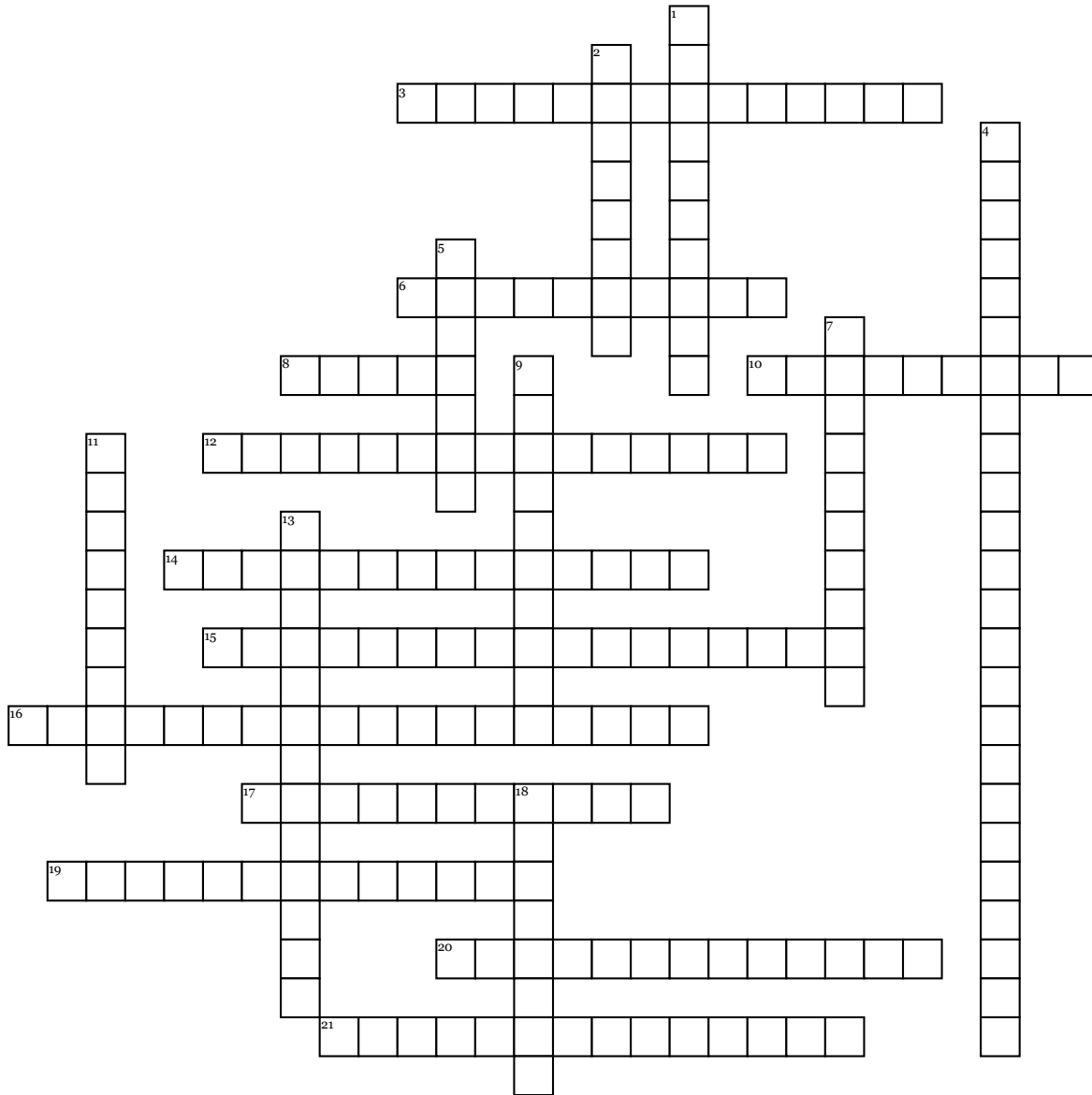


# Forensic Glass Unit Crossword



**Across**

- 3.** a crack in the glass that extends outward like the spoke of a wheel from the point at which the glass was stuck
- 6.** the change in the direction of light as it changes speed when moving from one substance into another
- 8.** a hard, amorphous, transparent material made by heating a mixture of sand and other additives
- 10.** without shape or form; applied to glass, it refers to having particles that are arranged randomly instead in a definite pattern
- 12.** a measure of how light bends as it passes from one substance to another
- 14.** the name for silica

- 15.** an apparatus for measuring the intensity of light in a part of the spectrum, especially as transmitted or emitted by particular substances
- 16.** a crack in the glass from a rough circle around the point of impact
- 17.** the property of being directly dependent, which implies different properties in different directions, as opposed to isotropy
- 19.** glass which is strengthened by introducing stress through rapid heating and cooling of the glass surface
- 20.** the most common, inexpensive and easy and to melt and shape
- 21.** two sheets of ordinary glass bonded together with a plastic film

**Down**

- 1.** a line perpendicular to the interface surface of two different media

- 2.** a process in which gases expand or travel in a direction opposite to the usual one, especially through escape of pressure or delayed combustion
- 4.** leaded glass
- 5.** the ratio of mass of an object to its volume, expressed by equation
- 7.** the optical property of a material having a refractive index that depends on polarization
- 9.** having a physical property that has the same value when measured in different directions
- 11.** line created as refracted lights become concentrated around the edges of a glass fragment
- 13.** the optical property of a material having a refractive index that depends on polarization
- 18.** volcanic glass