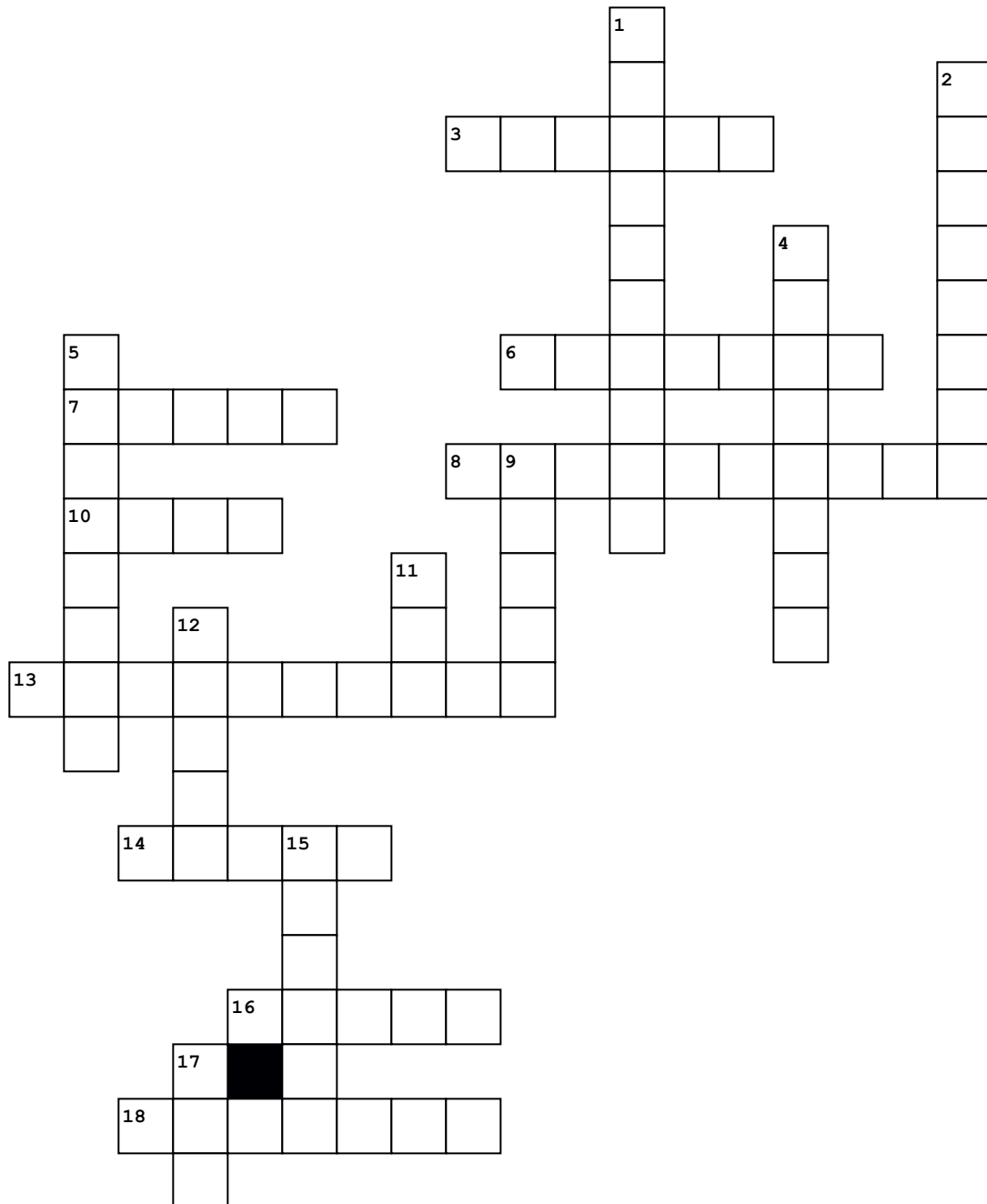


TYPES OF LASERS



Across

3. , A laser that produces short bursts of light, often in scientific research.
6. , A type of laser that emits ultraviolet light and is used in various research applications.
7. , A yttrium aluminum garnet laser doped with neodymium
8. , A semiconductor-based laser commonly used in optical storage devices.

Down

1. , A type of laser commonly used in tattoo removal procedures.
2. , A solid-state laser using titanium-doped sapphire crystals.
4. , A powerful laser that uses chemical reactions for energy.
5. , A laser used in optical communication systems, often emitting in the infrared range.

- 10.** , The first type of laser ever created, based on a chromium-doped crystal
- 13.** , A gas laser often emitting a red beam.
- 14.** , A free-electron laser, which uses a beam of electrons for highly tunable wavelengths.
- 16.** , A laser used in barcode scanners, printers, and laser pointers.
- 18.** , A solid-state laser used in medical applications, especially urology.
- 9.** , A gas laser emitting blue-green light, used in research.
- 11.** , A laser that uses a crystal or glass doped with rare-earth elements.
- 12.** , High-powered lasers used in medical, industrial, and military applications.
- 15.** , A fiber laser using a rare-earth element for amplification.
- 17.** , A chemical laser for high-energy applications.