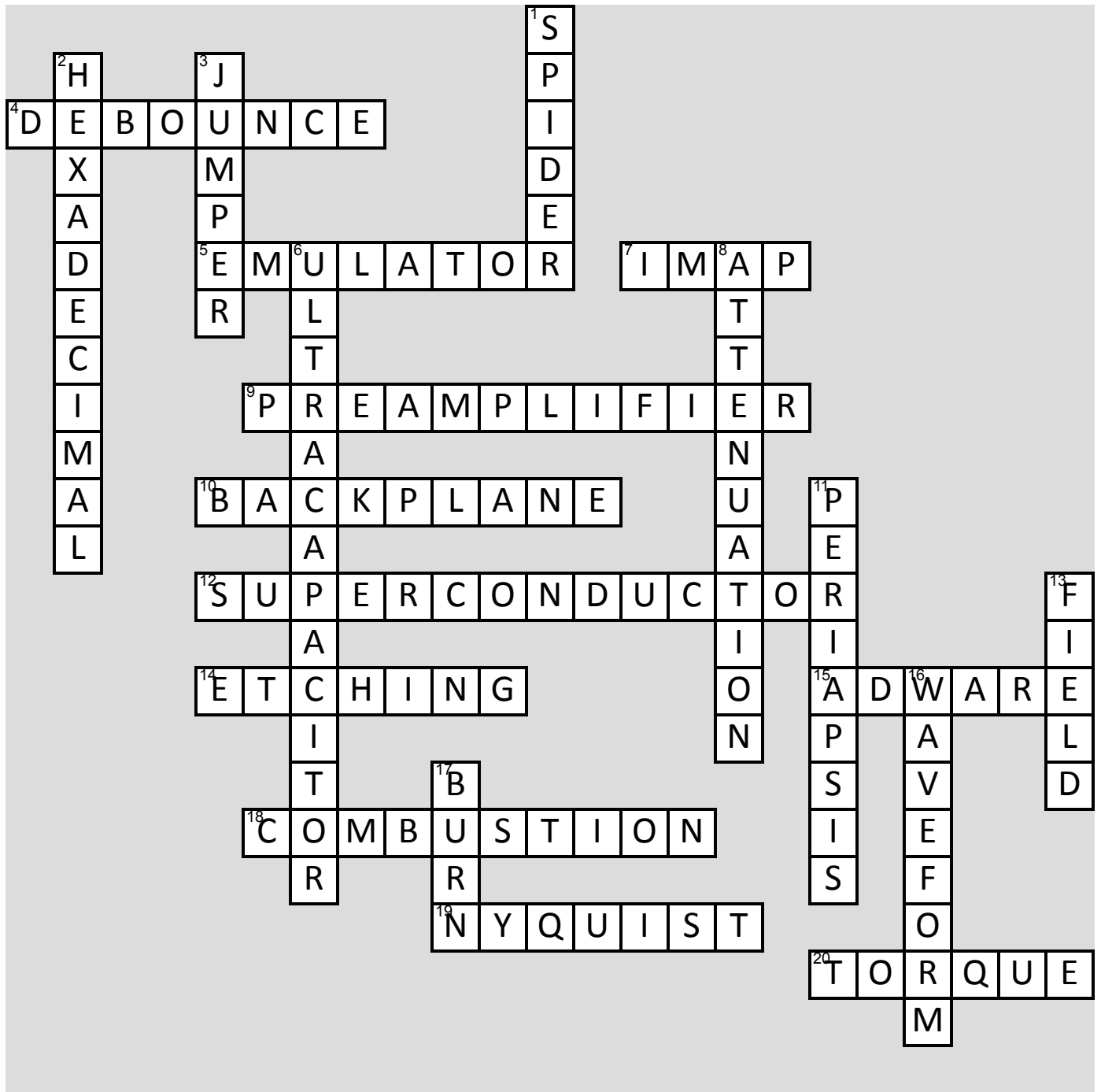


#5



## Across

- 4 A circuit that removes a ripple signal after a push button is pressed
- 5 Hardware or software that enables a CPU to run programs designed for a different system
- 7 An application used to retrieve e-mail on a remote server
- 9 An amplifier that strengthens weak electronic signals and transmits them for further amplification
- 10 A circuit board with sockets where other electronic devices on circuit boards can be plugged in
- 12 A material with zero resistance to the flow of electric current and no interior magnetic field
- 14 Using a solvent or acid to remove the unprotected parts of a metal surface to create a design
- 15 Software that displays advertisements on your computer after the software is installed on it or while the application is being used
- 18 A chemical process during which a substance combines with oxygen to produce heat and light
- 19 The Swedish engineer (1889–1976) who studied data transmission. His theory states that the number of independent pulses that could be put through a telegraph channel is limited to twice the bandwidth of the channel
- 20 A force that causes a change in rotation

## Down

- 1 A software application that surveys the web and collects and analyzes documents for indexing
- 2 A numeral system, with a base-16, that represents binary code in a format that is easy to read
- 3 A small piece of wire used to connect two pins on a circuit board
- 6 Common in automotive applications. This electrochemical capacitor has a higher energy density than most other capacitors
- 8 The decrease in amplitude and intensity of a signal
- 11 The point in an orbit closest to a planet
- 13 A small piece of data from a larger group
- 16 A graphic representation, on a computer screen, of an audio signal generated by an oscillator
- 17 Create a CD or DVD