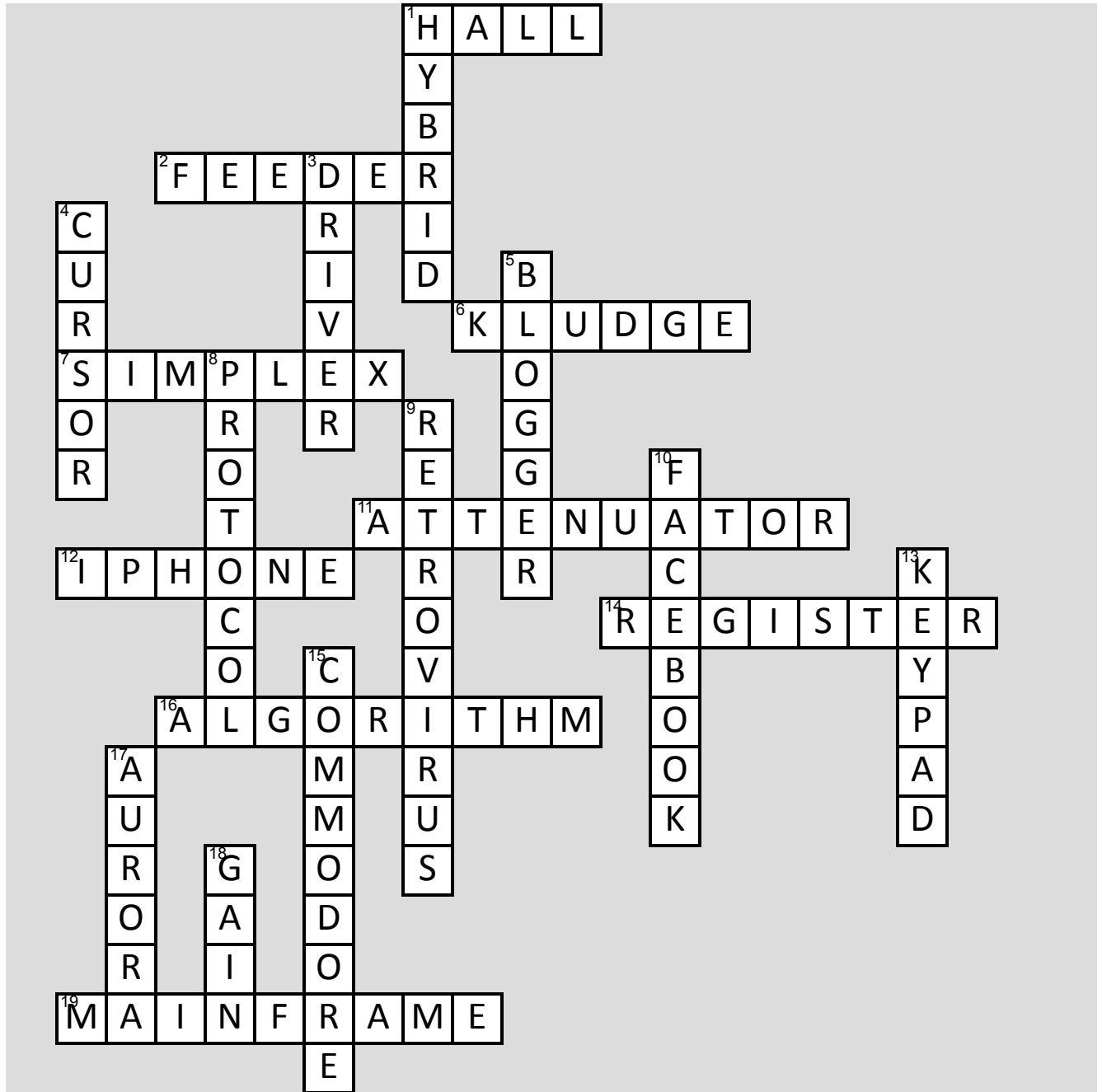


#4



Across

- 1** The American physicist (1855–1938) who discovered the potential difference on opposite sides of an electrical conductor where an electric current is flowing. An effect, an element, a voltage, and a resistance are named after him
- 2** Any cable carrying electricity
- 6** A poor design that is often hastily put together
- 7** One-way communication where one party is the transmitter and the other party is the receiver
- 11** An electronic device that decreases the amplitude or power of a signal without distorting its waveform
- 12** A recently released multimedia device that incorporates an Internet-enabled phone and an MP3 player
- 14** A temporary storage area in a central processor that usually has a one-word capacity
- 16** A process, used in calculations or logical operations, that is applied to data
- 19** A large computer that has vast computational power for critical applications

Down

- 1** A composite made by combining two different elements
- 3** A peripheral that converts data being sent to it or received from it into the required format
- 4** A flashing symbol that indicates where the next typed character will be
- 5** Someone who posts chronological, electronic journal entries of their thoughts
- 8** An agreed set of rules on the transmission of data between two devices
- 9** A computer virus that actively seeks out an antivirus program and attacks it
- 10** The social networking site was originally developed just for college students
- 13** A small keyboard often containing just numeric keys and a few symbols
- 15** Released in 1982, the breadbox-shaped PC used a 1.02-MHz processor
- 17** A bright glow in the sky caused by the interaction between the Earth's magnetic field and charged particles from the sun
- 18** A measure of the ability of a circuit to increase the power or voltage