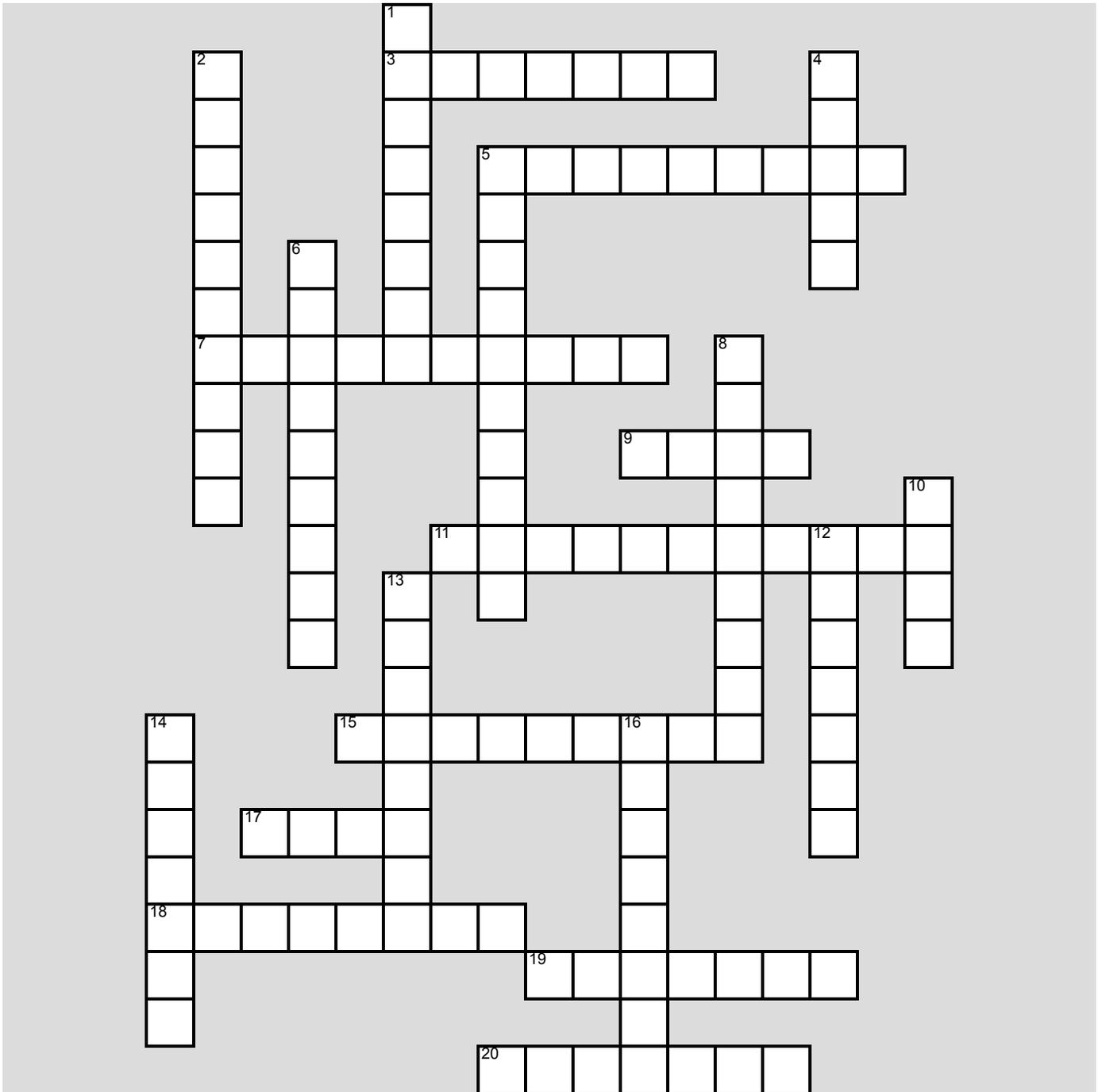


#3



Across

- 3** Home of NASA's Johnson Space Center
- 5** The ratio of voltage to electric current
- 7** A resistor used to measure temperature changes
- 9** An acronym used to measure a computer's performance, especially in floating-point calculations
- 11** A device that transfers energy from one electric circuit to another without requiring motion between its parts
- 15** Convert into a digital image that represents a rectangular grid of pixels
- 17** U.S. agency that studies oceans and the atmosphere
- 18** Relating to stars, constellations, or their positions in the sky
- 19** A network node that links two networks, which use different protocols, and allows them to share information
- 20** A newer version of firmware

Down

- 1** Binary digits attached to the end of a block of data. The value of the attached digits is taken from the sum of the data in the block
- 2** The path in space followed by a body
- 4** Code based on the English alphabet that represents text
- 5** The part of the upper atmosphere that has charged particles
- 6** A repeated process in a computer program
- 8** The first physical version of a new chip or board
- 10** A code or signal triggered by a processor's internal hardware that is designed to capture errors and reveal their locations
- 12** The Scottish mathematician (1831–1879) who contributed to modern physics by creating four equations that express the relationship between electrical and magnetic fields. He also deduced that light is electromagnetic in nature
- 13** A collection of information stored in a computer so a program can quickly consult it
- 14** The name given to two or more integrated circuits that work together
- 16** A passive electrical device used in currents for its ability to make a magnetic field form around a current-carrying conductor