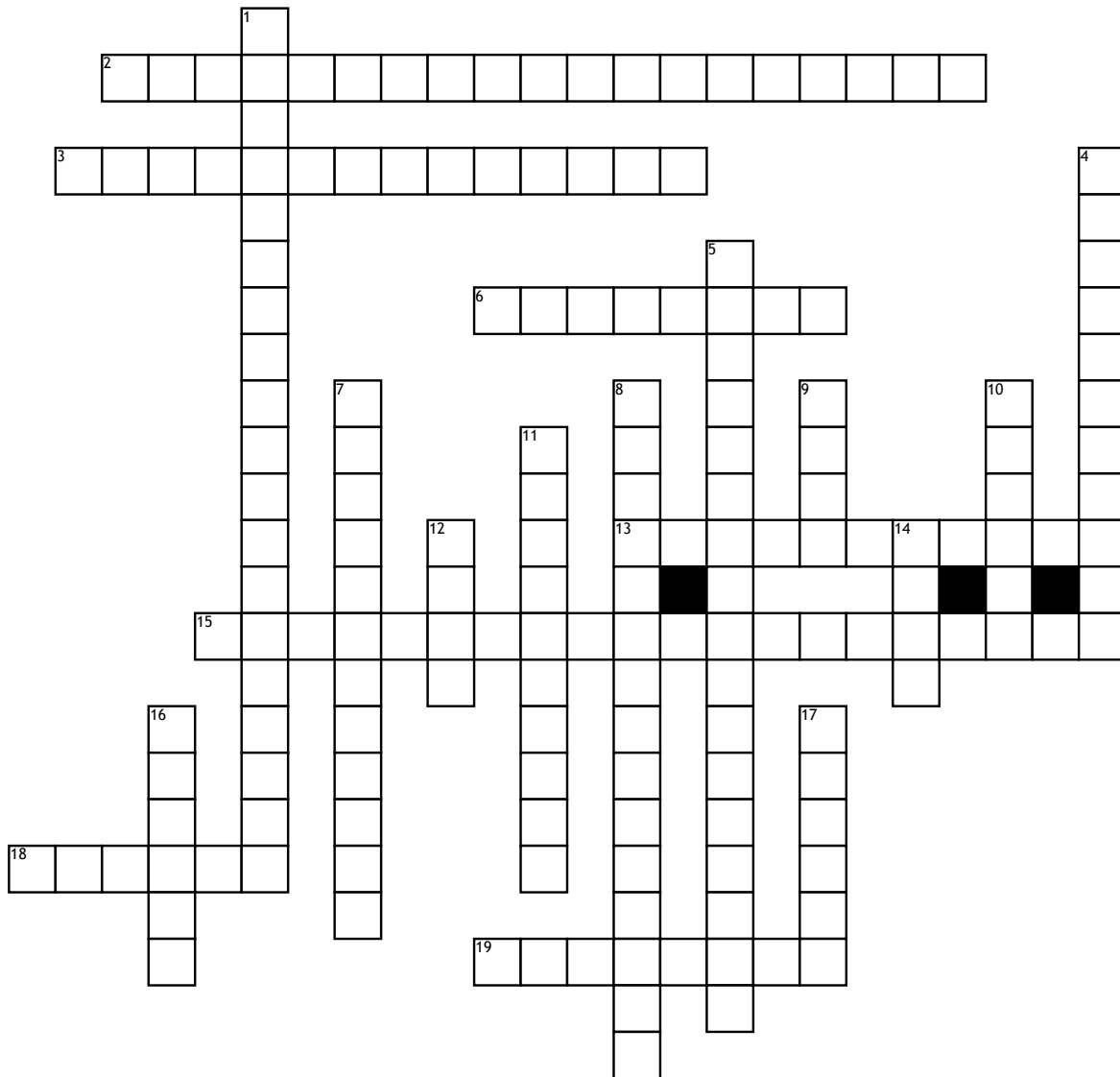


Chapter 8



Across

- 2. A type of measurement in which the exact size of a part is not critical to the function of product.
- 3. A process including all the systems and programs that ensure the outputs of technological systems.
- 6. The amount of substances an object can hold.
- 13. The measurement of how hot or cold a material is.
- 15. A type of measurement used when exact size is critical to the function of a device.
- 18. The force of the Earth's pull on a mass.

19. The separation between two points.

Down

- 1. A system bringing sensors and computers together to automate measurement.
- 4. The practice of comparing the qualities of an object to a standard.
- 5. A measurement tool an operator manipulates and reads.
- 7. A measurement standard based on a unit of length called a meter.
- 8. A type of system used as a measurement standard in the United States today.

9. A strip of metal, wood, or plastic with measuring marks on its face.

- 10. The amount of space an object occupies or encloses.
- 11. A measuring device used to establish precise diameters.
- 12. The quantity of matter present in an object.
- 14. The size of the surface an object covers.
- 16. The separation between two points.
- 17. An angle-measuring device that has a blade at a right angle to the head.