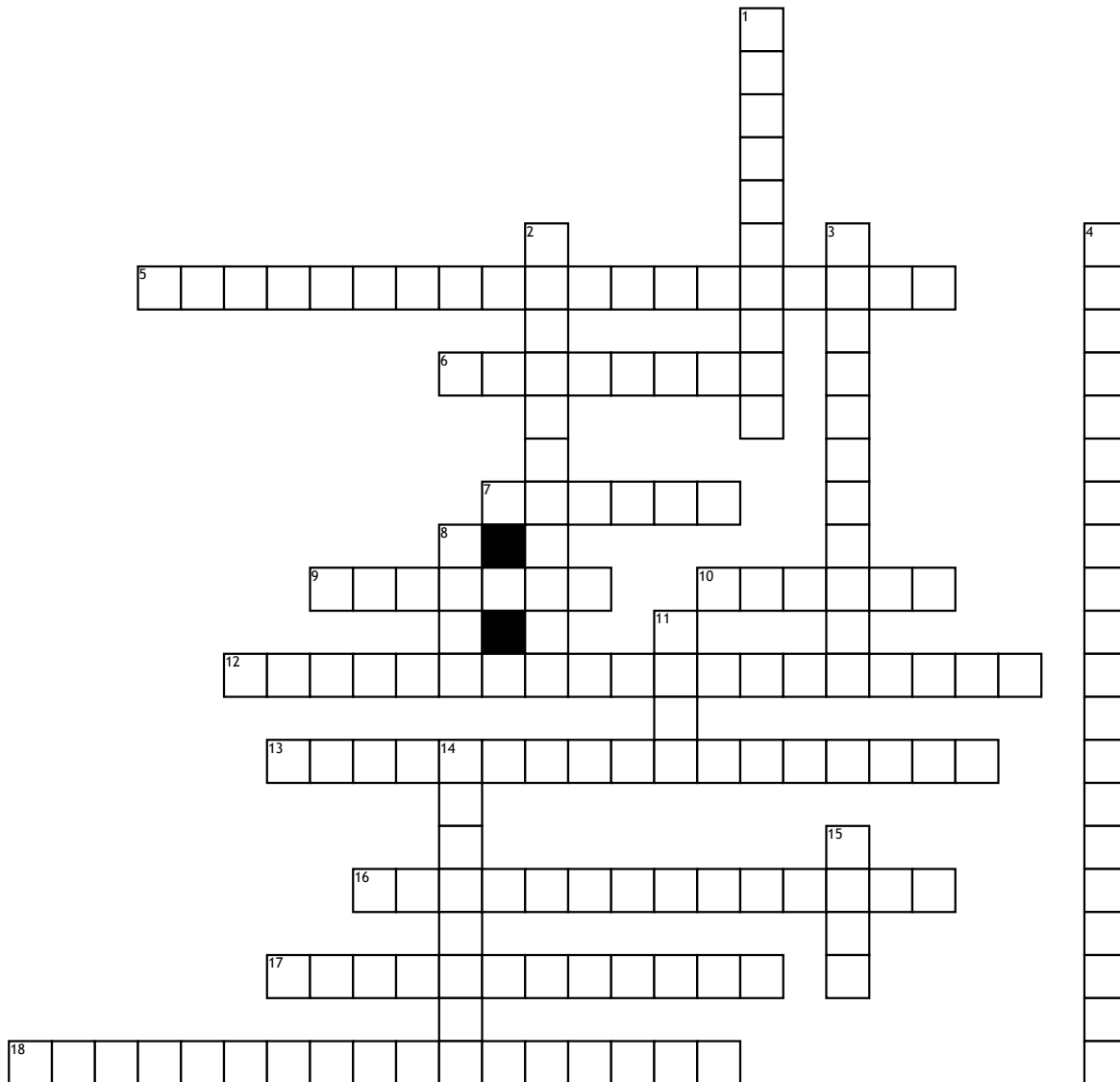


Chapter 8



Across

5. a type of measurement in which the exact size of a part is not critical to the function of a product
 6. also known as length
 7. the force of the earth's pull on mass
 9. an angle-measurement device that has a blade at right angle to the head
 10. the amount of space an object occupies
 12. they bring together sensors and computers to automate measurement

13. the measurement tools an operator manipulates and reads are called

16. this process is designed to ensure that products, structures, and services meet our ends

17. SI is commonly known as the

18. based on the system that developed in England from approximately the 1100s to the 1500s

Down

1. a measuring device used to establish precise diameters

2. the practice of comparing the qualities of an object to a standard

3. the measurement of how hot or cold an object/material is

4. a type of measurement used when exact size is critical to the function of a device

8. the most common linear measurement device

11. the quantity of matter present in an object

14. the amount of a substance an object can hold.

15. the size of an object