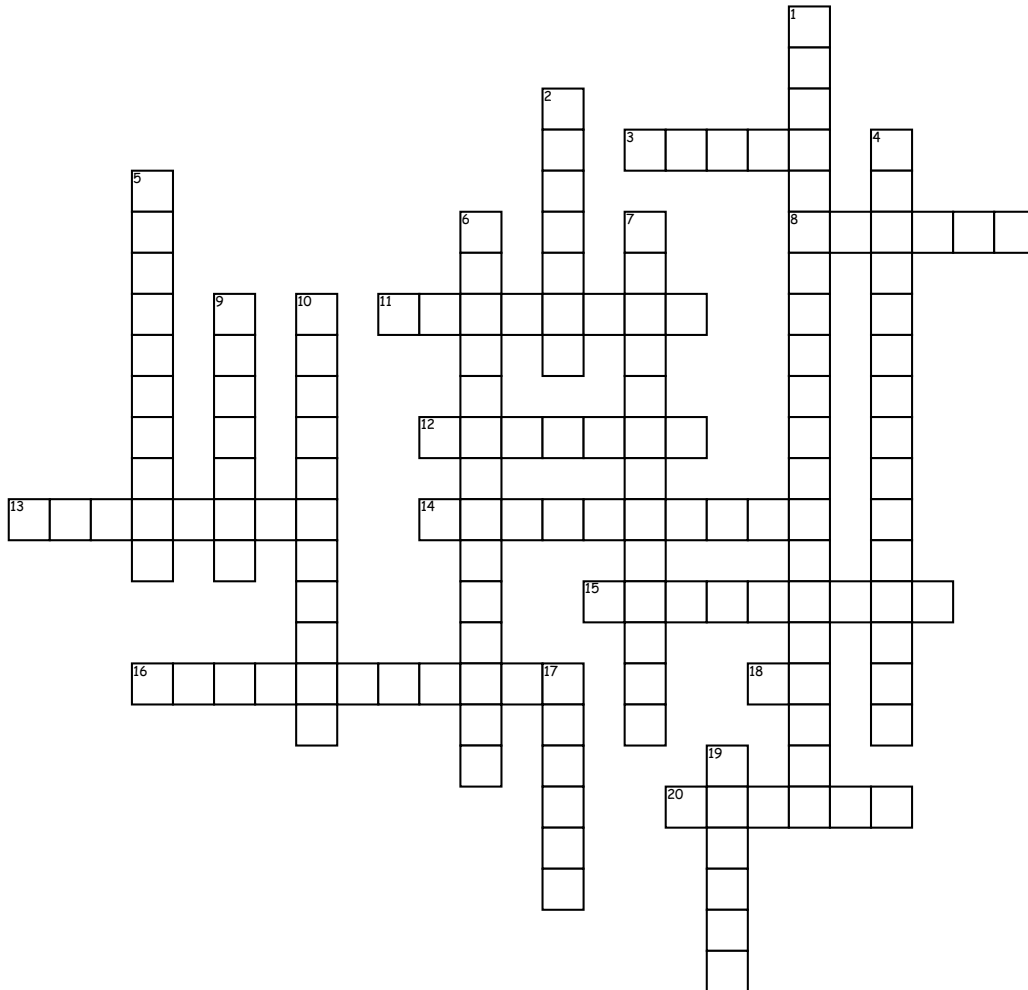


Archimedes



Across

3. One of six simple machines; Archimedes invented
 8. Place of birth
 11. During his discovery in the bathtub, he also discovered this
 12. A measure of the amount of "stuff" in a given volume of material.
 13. War occurred during his lifetime (two words)
 14. Occupation; Has to do with the stars

15. Invented this science, relates to cars and machines
 16. Age of death
 18. He determined the exact value of this math term
 20. Archimedes cry

Down

1. Something Archimedes discovered when going into his bathtub (two words)
 2. Father's Name
 4. An invention used for irrigation in Egypt; named after him (two words)

5. Place of study
 6. Hobby (two words)
 7. Steam-Powered Cannon that Archimedes invented
 9. Marriage status
 10. indicating the mean value or total sum of a measured quantity.
 17. Inspired and taught by this other famous mathematician
 19. Another simple machine, made with rope to move a heavy load

Word Bank

- | | | | |
|------------|-----------------------|--------------|------------------|
| pi | Pulley | density | Buoyancy |
| Euclid | Sicily | seventy-five | Eureka |
| Unknown | lever | Archimedes | integrating |
| Astronomer | Hydrostatic principle | Mechanics | Phidias |
| Punic War | Problem Solving | Alexandria | Archimedes-Screw |