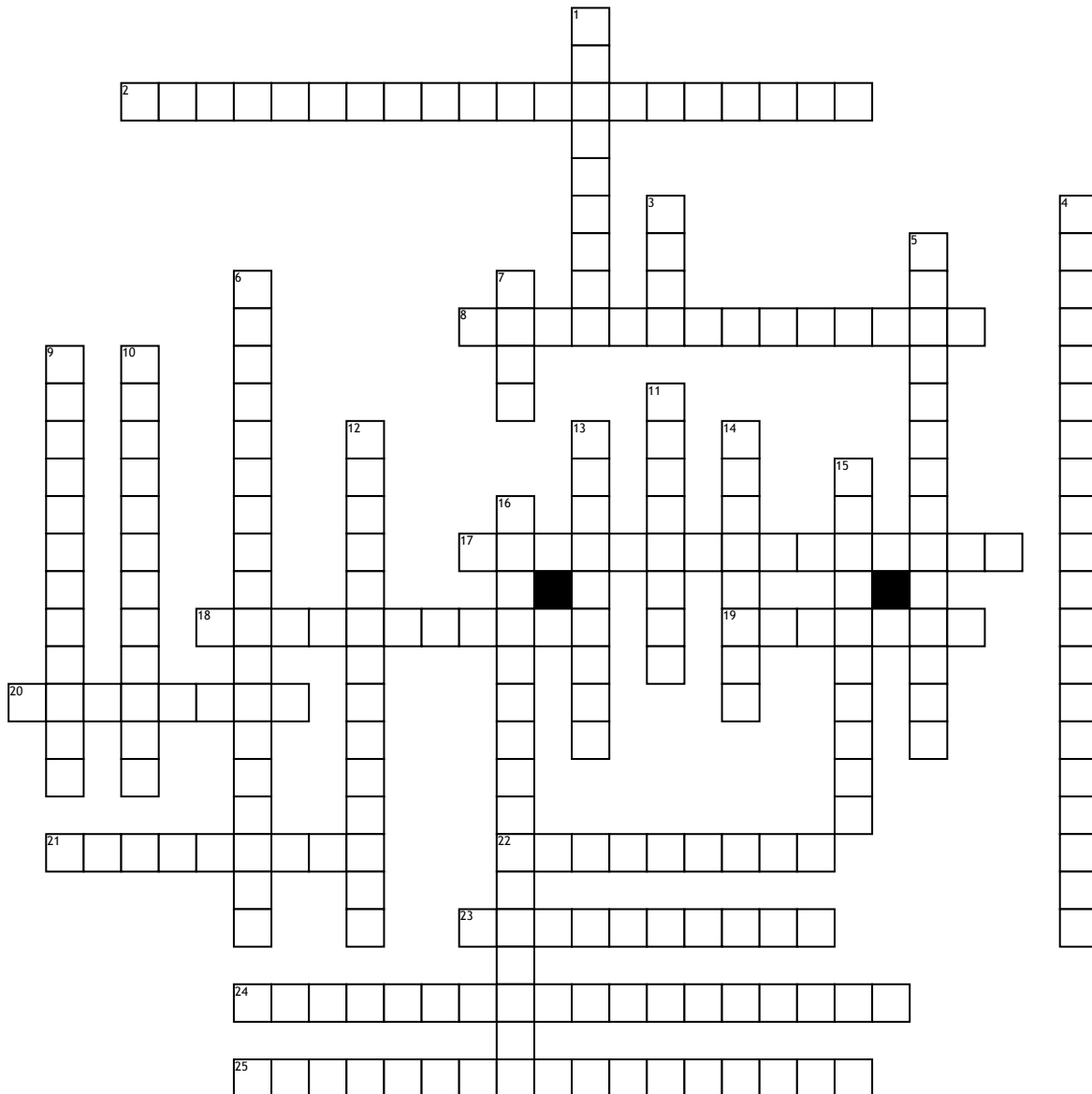


Extra Credit Crossword Puzzle



Across

2. two groups are studied under conditions that are identical except for one variable
 8. the positive acute angle formed by the terminal side and the x-axis
 17. a logarithm with a base 10
 18. a number multiplied by a variable
 19. a member of the set of whole numbers and their opposites
 20. quadratic with two terms
 21. having the same size and shape
 22. the exponent to which a specified base is raised to obtain a given value
 23. a circle with a radius of 1 unit
 24. quotient of two polynomials
 25. used to determine whether the difference in two groups is likely to be caused by chance

Down

1. half the difference of the maximum and minimum values
 3. the value or values that occur most frequently in a data set
 4. $f(x)=x$
 5. no difference between the two groups being tested
 6. observes individuals/ measures variables without controlling individuals or the environment in any way
 7. the sum of all the values in a data set divided by the number of data values
 9. number of times $x-r$ is a factor of $p(x)$
 10. $f(x)=ax^2+bx+c$
 11. the number that indicates how many times the base in a power is used as a factor

12. the line through the vertex of a parabola that divides the parabola into two congruent halves
 13. a line that a graphed function approaches but never intercepts
 14. a number or a product of a number and variables with whole number exponents
 15. $f(x)=a(x-h)^2+k$
 16. angles in standard position with the same terminal side