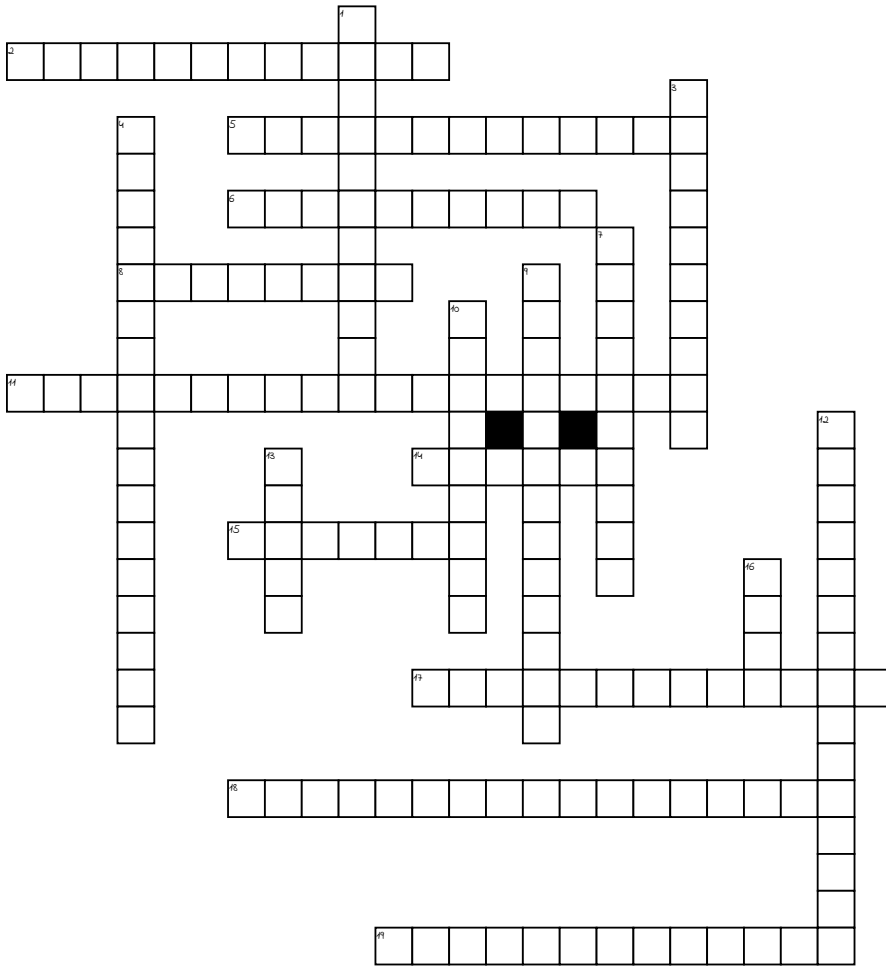


# DC PRECALCULUS PROJECT



## Across

2. is a point, line, or curve common to two or more objects

5. when we predict a value inside the domain and range of the data

6. if for every point on that intervals the first derivate is positive

8. statement of equality between two expressions consisting of variables and/or numbers

11. when a point crosses x-axis then that point

14. a diagram showing the relation between variable quantities

15. a mathematical relationship or rule expressed in symbols

17. is commonly used to determine the distance between two numbers on the number line

18. is a point where the graph of a function or relation intersects the y-axis of the coordinate system

19. if they are increasing at the same rate, the graphs will never cross

## Down

1. describes a relationship between two quantities that show a constant rate of change

3. greather than, greather than or equal to, less than, or less than or equal to, between two numbers or algebraic expressions

4. lines that intersect at a righth (90 degrees) angle

7. a function whose value decreases as the independent variables increases over a give range

9. when we predict a value outside the domain and range of the data

10. is a set of real numbers that contains all real numbers lying between any two numbers of the set

12. is a function whose graph produces a line

13. determines if the function is an increasing function or a decreasing function

16. a collection of facts

