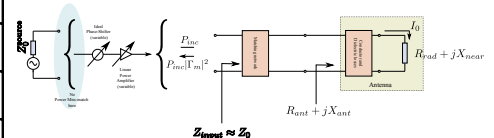
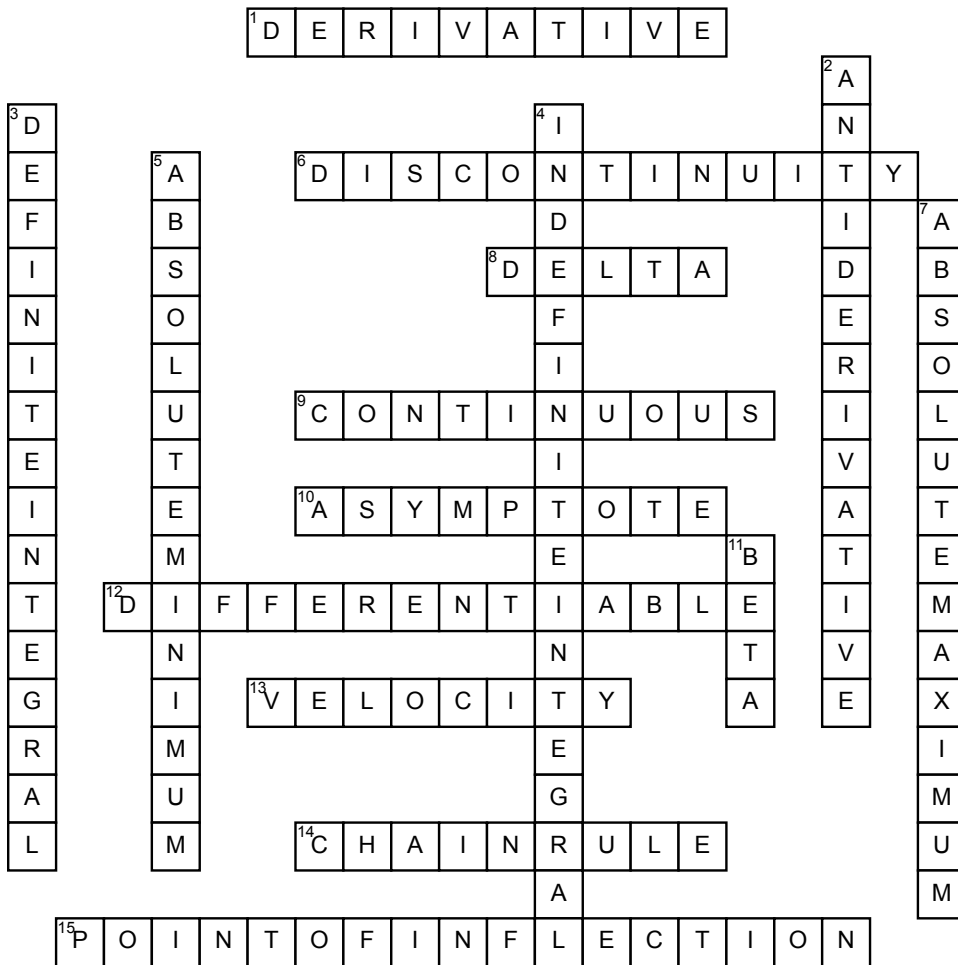


# Calculus Crossword Puzzle



## Across

1. It is the slope of the line tangent to a function.
6. When a function is not continuous it has...
8. It is the fourth letter of the Greek alphabet.
9. If a graph has no gaps, no holes, no steps, or discontinuities it is...
10. A line (or curve) that a function approaches without actually reaching the line.
12. A function that is continuous is...

13. Speed and direction is also...

14. A basic rule in calculus to find the derivative of a composite function.

15. When a curve changes direction.

## Down

2. The original function of a derivative.
3. An integral between limits of integration is a...
4. An integral with no limits of integration.

5. It is the least value of  $f(x)$  over a defined interval of  $x$ , provided  $y=f(x)$ .

7. It is the greatest value of  $f(x)$  over a defined interval of  $x$ , provided  $y=f(x)$ .

11. It is the second letter of the Greek alphabet.