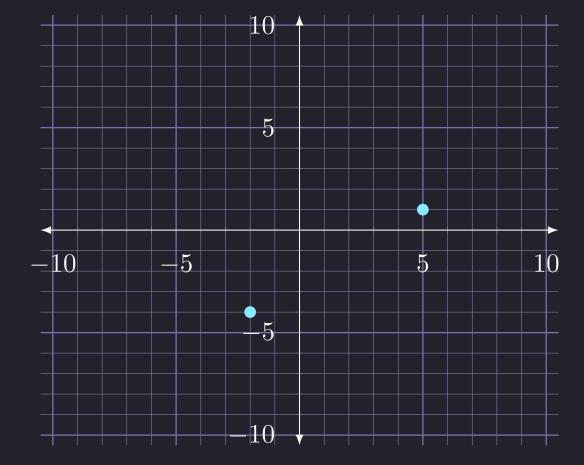


Lines

Algebraic

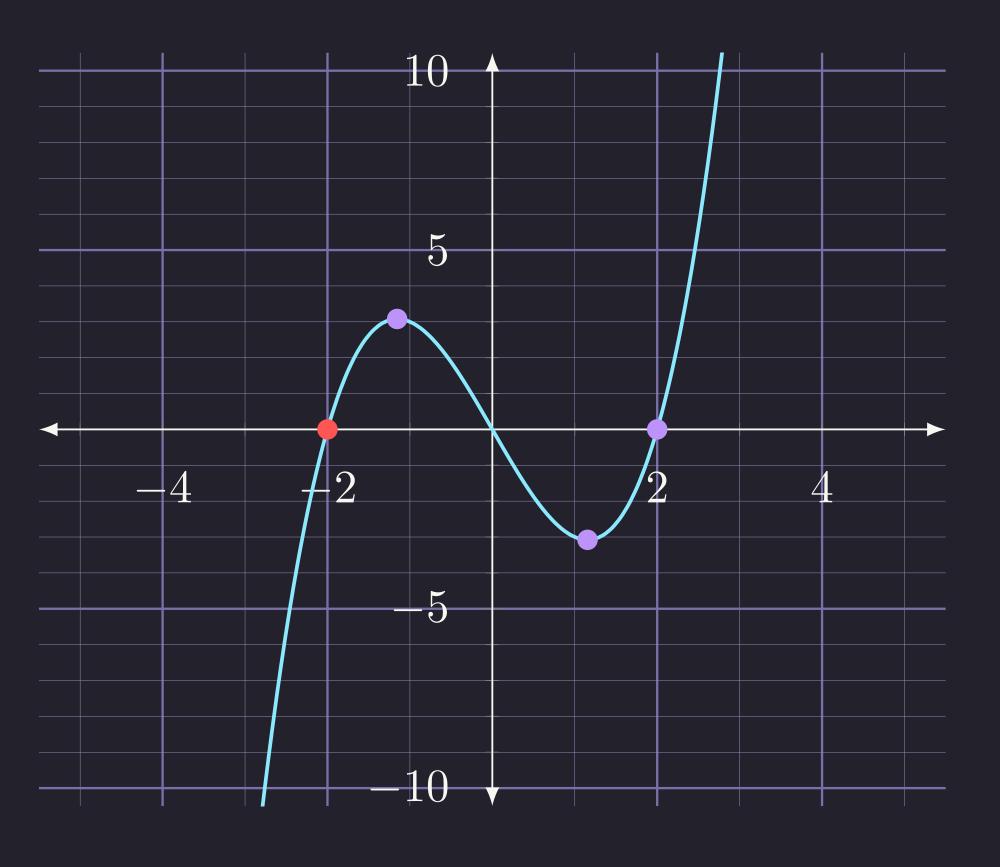
_____ + ____ + ____

Geometric

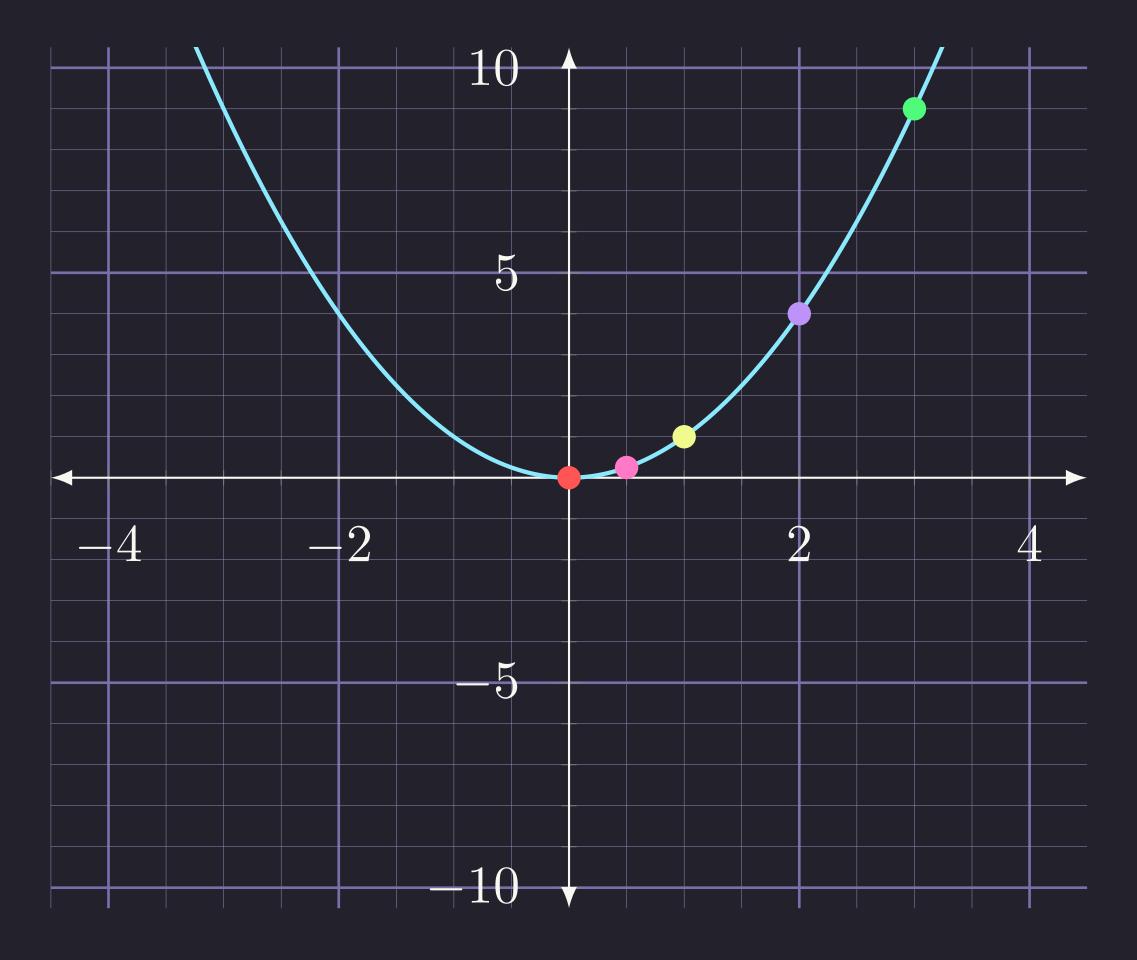


Secant Lines

A line between two points on the graph of a function.



Example:



Pattern

Do the slopes have any pattern?

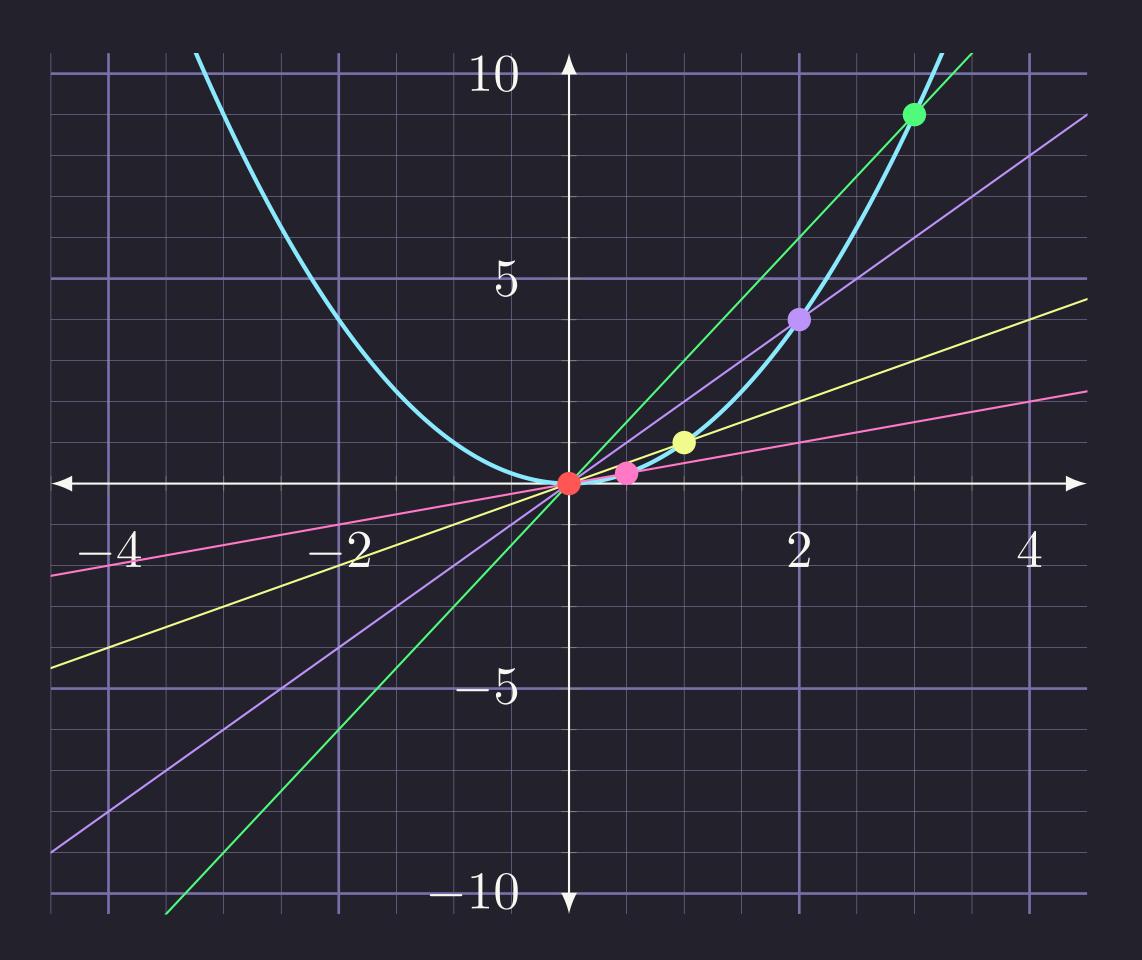
Algebra

How do we write the rule as an ordered pair?

If we write:

$$P = (0, 0)$$

What is the slope for the line between P and Q? _____ What have we done geometrically?



Tangent Lines