



The Need for Security Increases.





## How does it work?



## 2 Prime numbers



Multiply

$$5(7) = 35$$
 Maximum



Step 3

Key

3



Multiply

$$8(8)(8) = 512$$



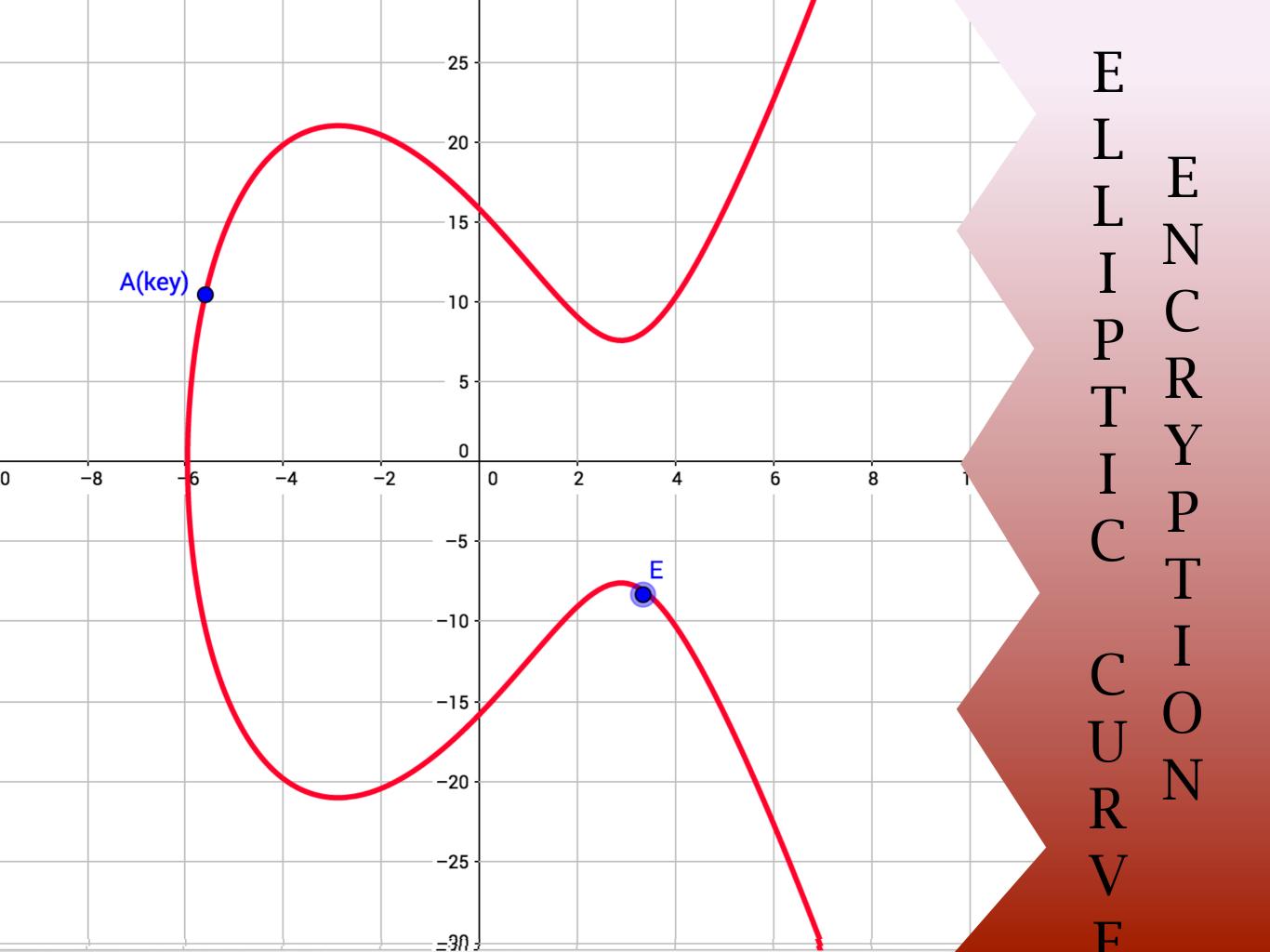
Divide

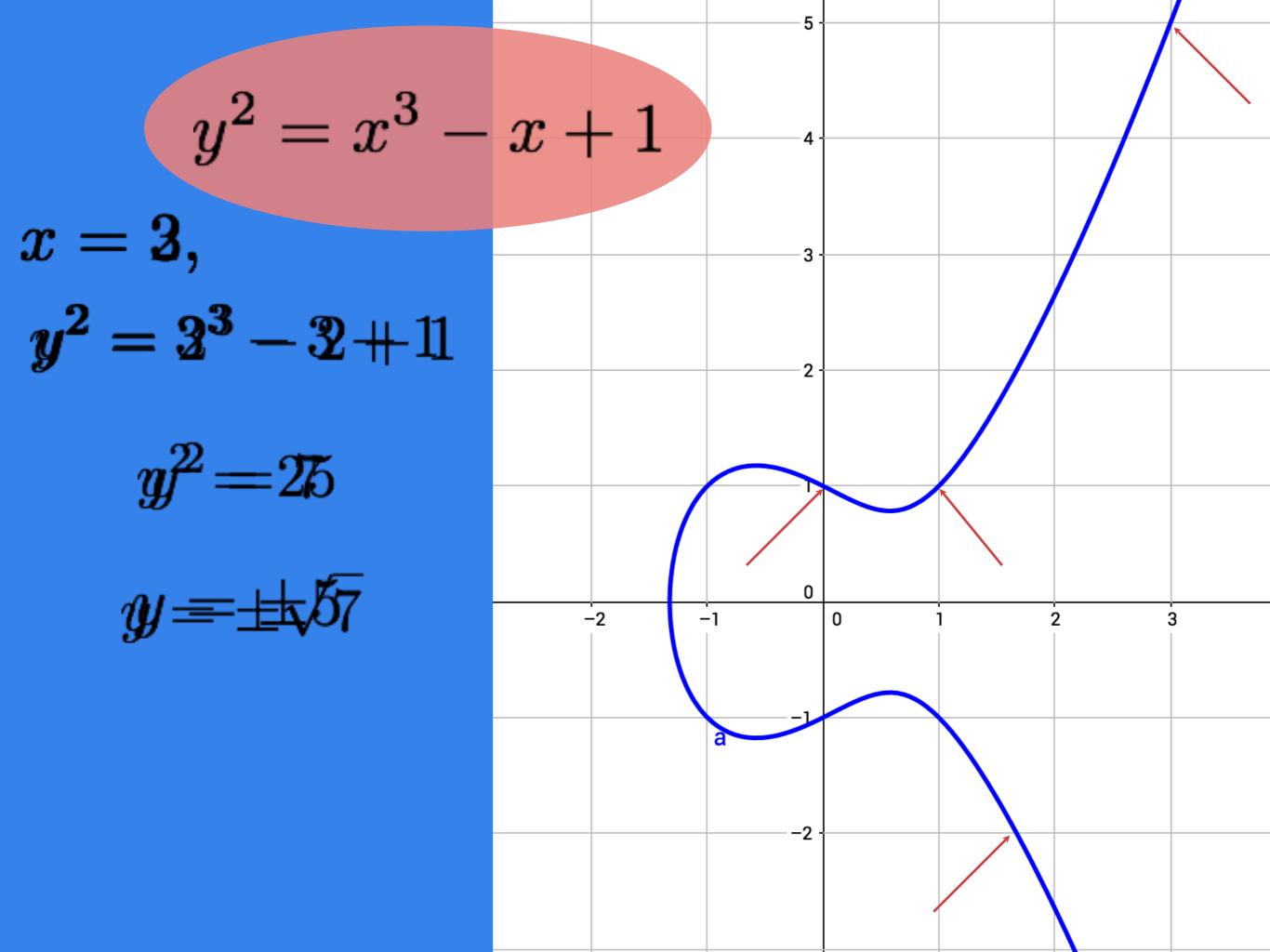
2229 VC

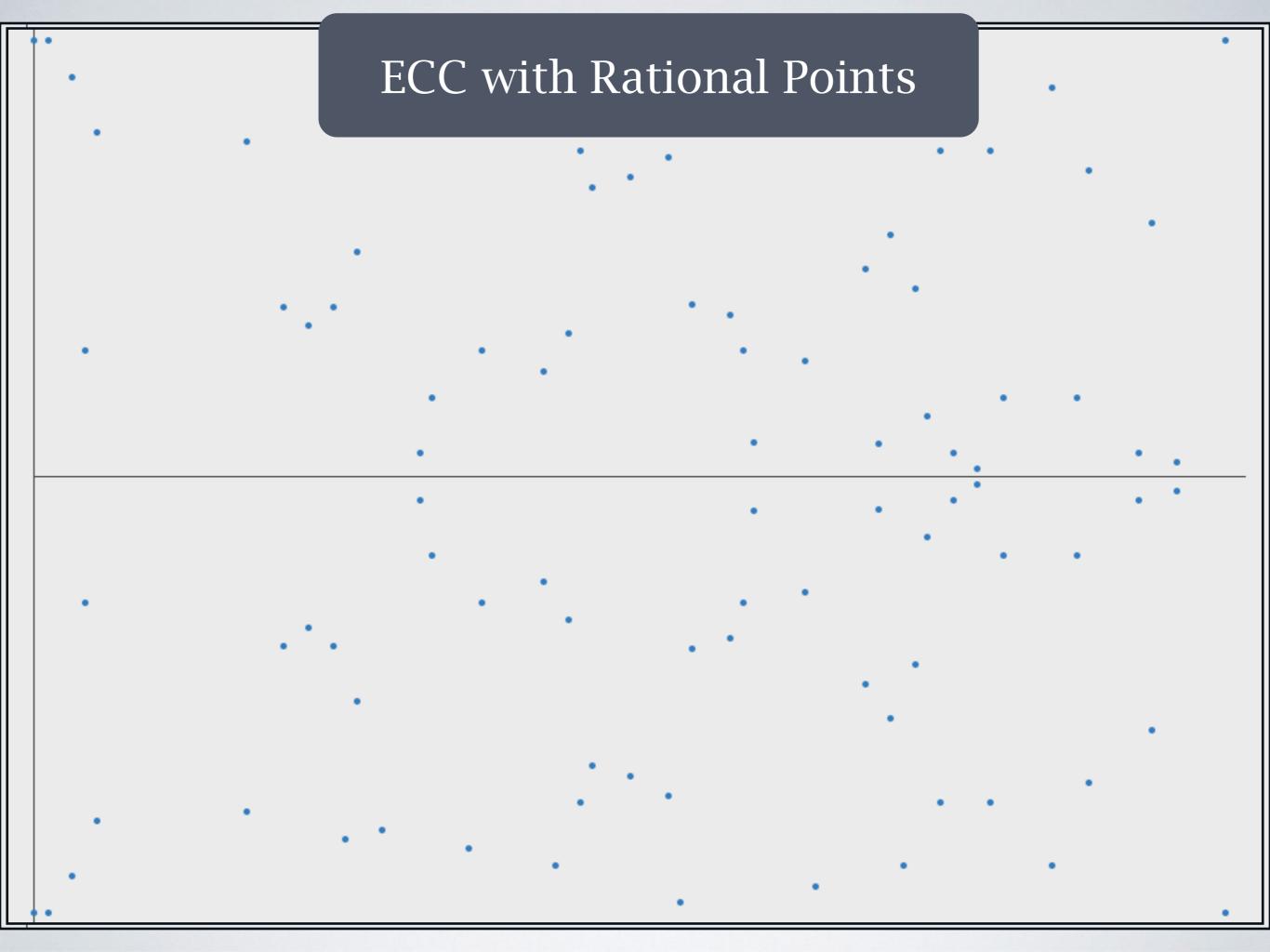
## Is a new system really needed?

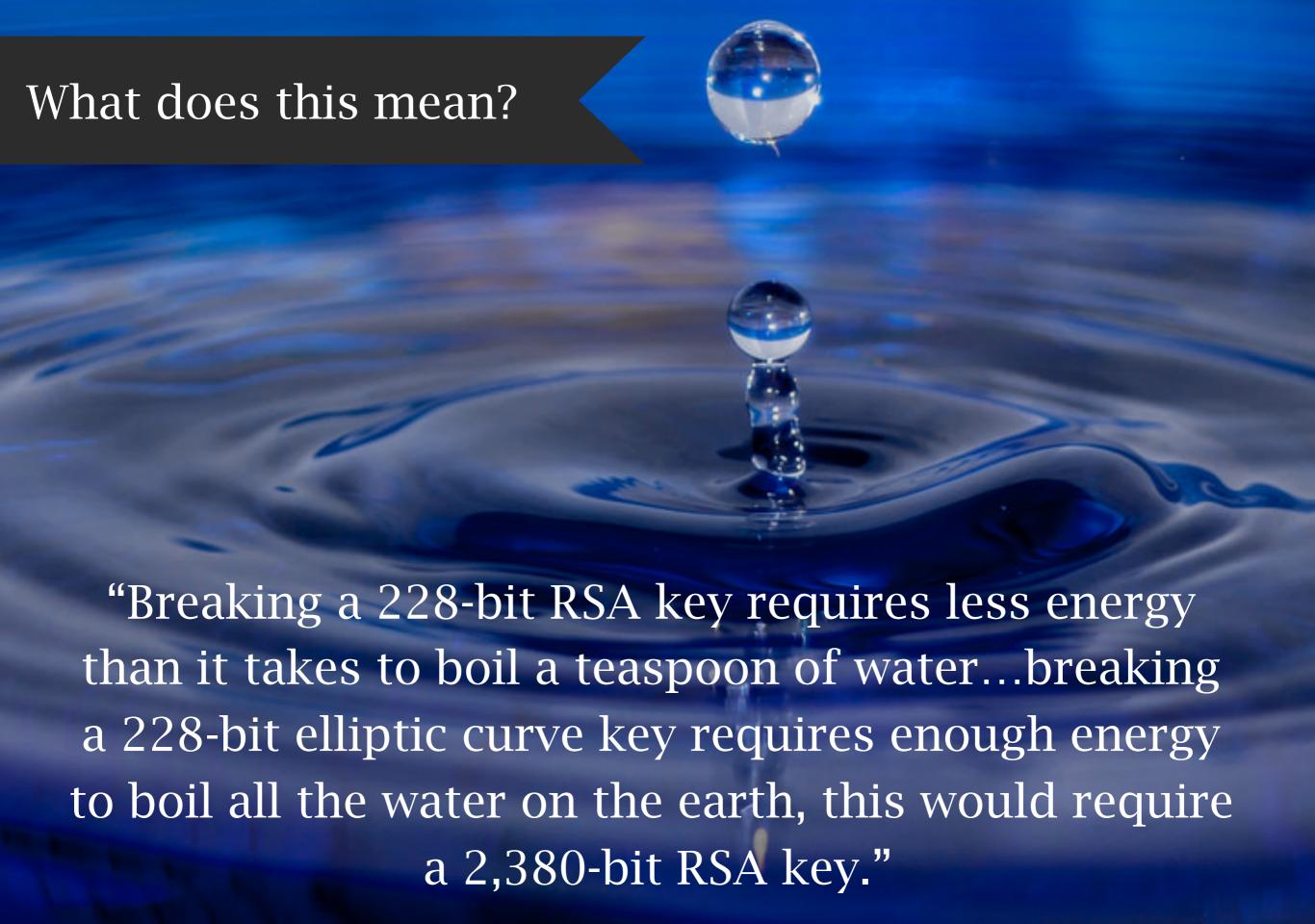
## Elliptic Curves

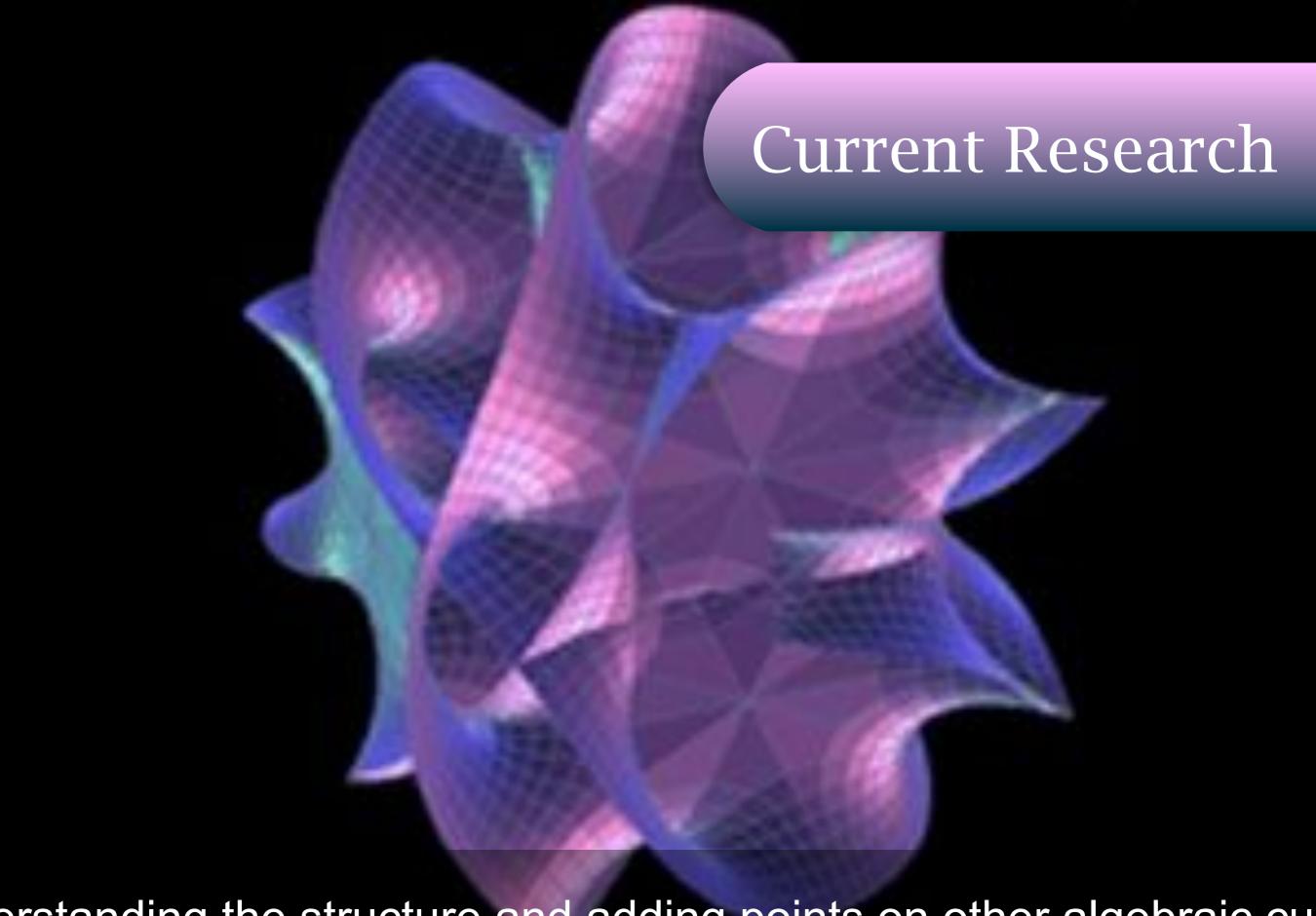
$$y^2 = x^3 + ax + b$$











erstanding the structure and adding points on other algebraic cu