# **Division Algorithm**

# **Euclidian Algorithm**

## **Method-1 🡪 Iterative Version**

A picture containing line chart

Description automatically generated

3 is the biggest number that can divide 12 and 33.

3 divides 12 by 4 and 33 by 11.

Text

Description automatically generated

## **Method-2 🡪 Recursive Version**

Graphical user interface, text, chat or text message

Description automatically generated

Graphical user interface, text, application

Description automatically generated

# **GCD using Extended Euclidian Algorithm**

Calendar

Description automatically generated  
A hand holding a piece of paper with writing on it

Description automatically generated with medium confidence

Graphical user interface, application

Description automatically generated  
Graphical user interface, text, application

Description automatically generated  
Background pattern

Description automatically generated with low confidence

# **Finding GCD**

Table

Description automatically generated

A picture containing diagram

Description automatically generated

A picture containing table

Description automatically generated

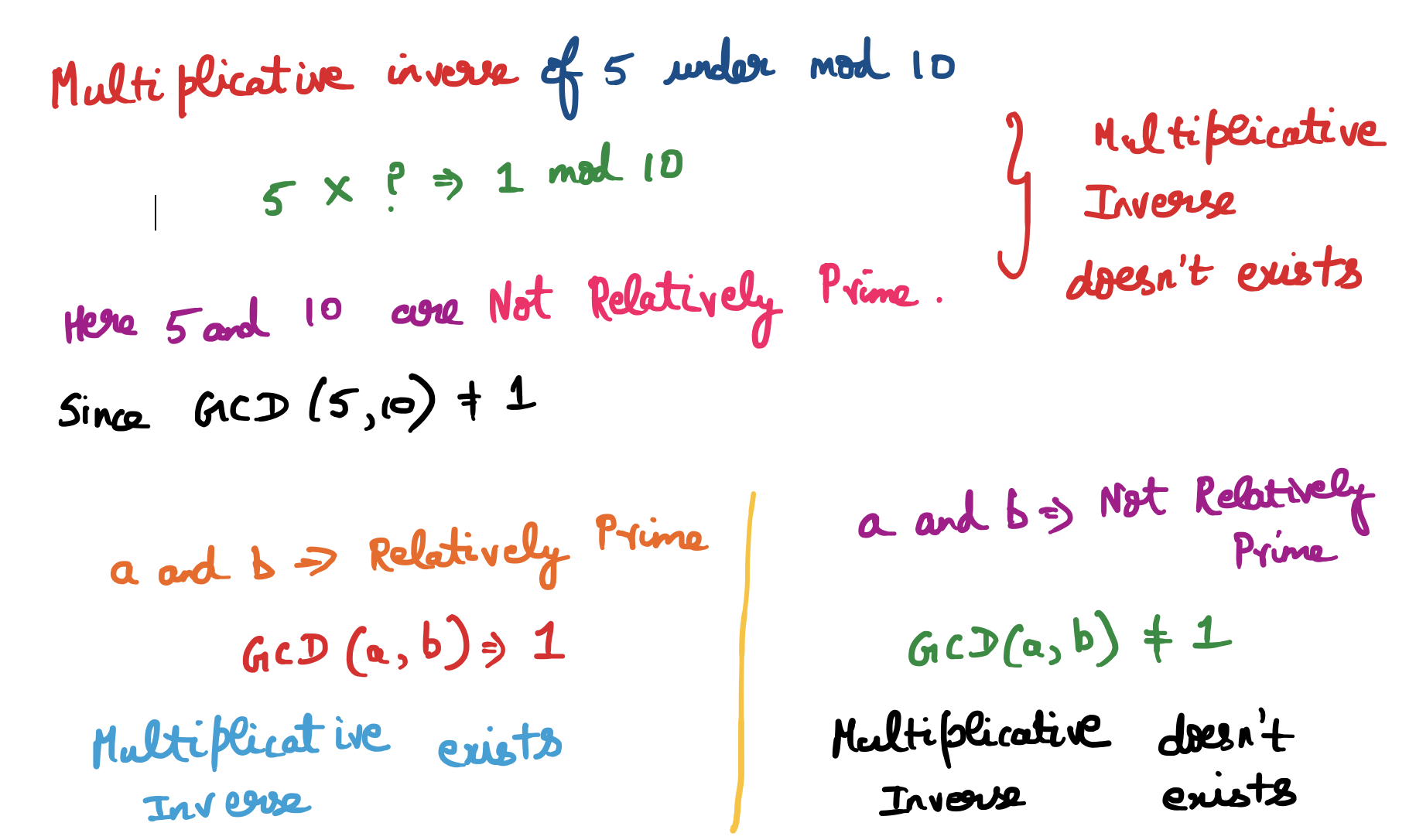
# **Multiplicative Inverse using Extended Euclidian Algorithm**

A picture containing text

Description automatically generated

Chart, line chart

Description automatically generated



Text, letter

Description automatically generated