·分外的三种数位。 ex. | a=b (modn), c=d (modn), iIEMT 1) atC = b+d (mod n)  $\{n|(a-b) = n|(a-b)+(c-d)\}$ => n[(a+c)-(6+d)] =) a+(= 6+d (mod n)# 2) ac = 6d (modn)

 $3a = b \pmod{n}$   $5a = b \pmod{n}$   $(a = b \pmod{n}) \Rightarrow (a = b + kn) \pmod{n}$   $(a = b \pmod{n}) \Rightarrow (a = b + kn) \pmod{n}$   $(a = b \pmod{n}) \Rightarrow (a = b + kn) \pmod{n}$   $(a = b \pmod{n}) \Rightarrow (a = b + kn) \pmod{n}$   $(a = b \pmod{n}) \Rightarrow (a = b + kn) \pmod{n}$   $(a = b \pmod{n}) \Rightarrow (a = b + kn) \pmod{n}$   $(a = b \pmod{n}) \Rightarrow (a = b + kn) \pmod{n}$   $(a = b \pmod{n}) \Rightarrow (a = b + kn) \pmod{n}$   $(a = b + kn) \pmod{n}$   $(a = b \pmod{n}) \Rightarrow (a = b + kn) \pmod{n}$   $(a = b + kn) \pmod{n}$  (a = b + kn) (a = b