1 (Congruences) Compute the following: (No credit for using matlab or any other computer programs. The purpose is to train us to understand the arithmetic modulo a number).
(a) $12 + 63 \pmod{17}$.
(b) $32 - 74 \pmod{7}$
(c) $18(23 + 61) \pmod{13}$

2 (Divisors) Find all divisors of 660.

3 (Division)
(i) Find the multiplicative inverse of 15 (mod 26).
(ii) Solve the congruence $12x + 4 \equiv 3x + 9 \pmod{13}$.
(iii) Find all the units in $\mathbb{Z}_6$ and $\mathbb{Z}_7$.
(iv) Compute $2^{-4} \pmod{9}$. 