- (a*b)%M = ((a%M)*(b%M))%M
- (a+b)%M = ((a%M) + (b%M))%M
- (a-b)%M = (((a%M) (b%M)) + M)%M
- • $(a/b)\%M = ((a\%M)*((b\%M)^{M-2})\%M)\%M$ if M and b are relatively prime