

> $p := 1367; q := 1259$	$p := 1367$	
	$q := 1259$	(1)
=		
> $n := p \cdot q$	$n := 1721053$	(2)
=		
> $\text{phi} := (p - 1) \cdot (q - 1)$		
	$\phi := 1718428$	(3)
=		
> $e := 2467$	$e := 2467$	(4)
=		
> $\text{gcd}(e, \text{phi})$	1	(5)
=		
> $d := e^{-1} \bmod \text{phi}$	$d := 1485775$	(6)
=		
> $M := 123$	$M := 123$	(7)
=		
> $st := \text{time}()$		
=		
> $C := M^e \bmod n$	$C := 760886$	(8)
=		
> $\text{elapsed_time} := (\text{time}() - st) * \text{sec};$	$\text{elapsed_time} := 0.047 \text{ sec}$	(9)
=		
> $P := C^d \bmod n$	$P := 123$	(10)
=		
>		
=		
>		
=		
>		