

# Problem #13

Start

Input  $M, N, P$

while ( $N \neq 0$ )

$M = N$

$N = M \% N$

GCD =  $N$

If ( $P \% \text{gcd} == 0$  and  $P! > M$ )  
then

Output "Not measurable"

Else

Output "cannot be measurable"

End

Input	Process	Output
Jug Size $N, M$ and $P$	GCD ( $M, N$ )	
	If $P \% \text{gcd} == 0$ and $P! > M$ then	measurable or not
	Output "measurable"	
	Else	
	"Not measurable"	

Date: . . . . .

