Pulverizer

1==2a+3b

GCD of 120 and 12?

A=120 B=12

A==10B A-10B==0

GCD=10

GCD of 12 and 18?

A=18 B=12

A=B+6 A-B==**6**

12==2\*(A-B) 2A-2B=B 2A-3B=0

GCD of 10 and 25?

A=25 B=10

A=2B+5 A-2B==**5**

B==2\*(A-2B) B==2A-4B 2A-5B==0

GCD of 10 and 17?

A=17 B=10

A==B+7 A-B==7

B==(A-B)+3 A-2B==-3 A-B==7