Worksheet for using the Extended Euclidean Algorithm to solve

AN + BM = gcd(A,B) and

AN + BM = 0

A – (Q * B) = R			N		M
			R =	A*N	+ B*M
			A	↑ 1	0
			B	0	→ 1
Q=int A/B			R=A-Q*B	N2-Q*N1	M2-Q*M1
A	Q	B	R		