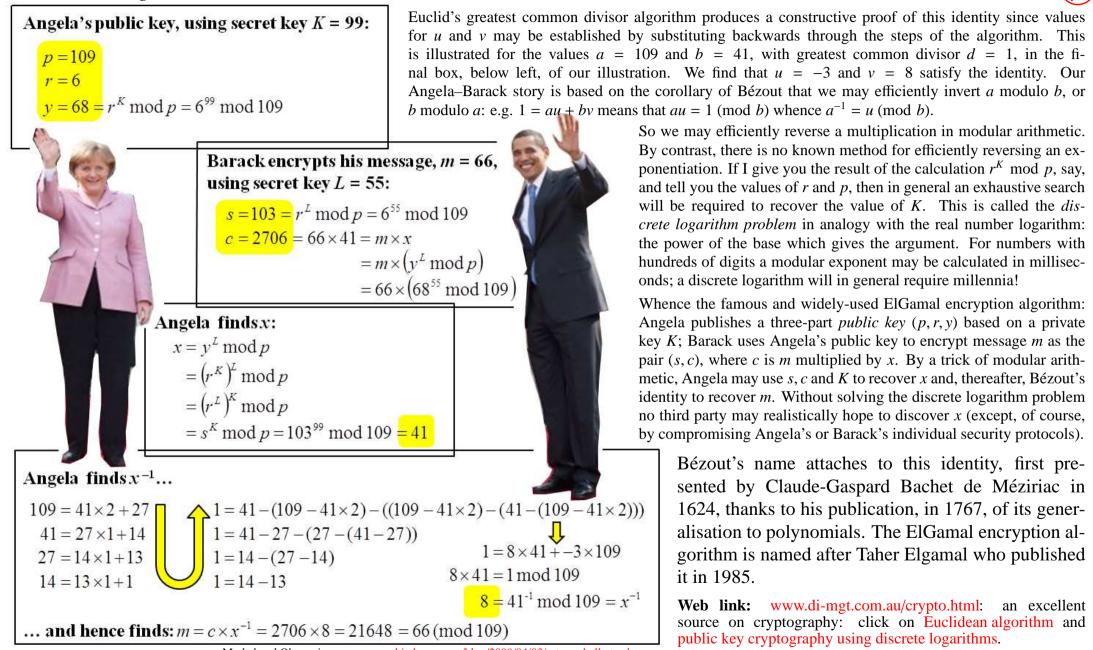
## **THEOREM OF THE DAY**

**Bézout's Identity** *Let a and b be positive integers with greatest common divisor equal to d. Then there are integers u and v such that au + bv = d.* 





Merkel and Obama images: www.whitehouse.gov/blog/2009/04/03/a-town-hall-strasbourg

1. Lemma 2. Theorem 3. Corollary 4. ...

Further reading: Everyday Cryptography: Fundamental Principles and Applications by Keith M. Martin, Oxford University Press, 2012.

Created by Robin Whitty for www.theoremoftheday.org