Math 314 - Fall 2023

Practice problems 2 (Euclid's Algorithm)

Few false ideas have more firmly gripped the minds of so many intelligent men than the one that, if they just tried, they could invent a cipher that no one could break.

— David Kahn

Quiz: Sept 26 2023

Practice:

- (1) Compute gcd(58, 27) using Euclid's algorithm.
- (2) Find x and y so that 28x + 89y = 1.
- (3) Find the inverse of 17 modulo 45.