

quiz 08.1

(1) Find a cube root of 40 modulo 211.

(2) Verify that 49 is a non-prime Fermat pseudoprime base 18.

(3) An RSA cipher was set up with modulus 24163 and encryption exponent 13. What is the decryption exponent?

(4) Verify that 185 is a non-prime strong pseudoprime base 117.