

Foundation Exam Review Class Lesson Plan – Week 6 (December 2, 2015)

Location: HPA-125, 2:30 – 3:20 PM

Number Theory – Types of Problems (with Examples)

- a) Extended Euclidean Algorithm (August 2014)

- b) Divisibility Proof (May 2012, May 2011)

- c) Based on GCD (August 2013)

- d) Proving mod facts (May 2014, May 2013, Dec 2012)

- e) Number Divisibility Tricks (August 2009)

- f) GCD & LCM using prime factorization (August 2008)

- g) Number of Divisors of a Number (May 2006)