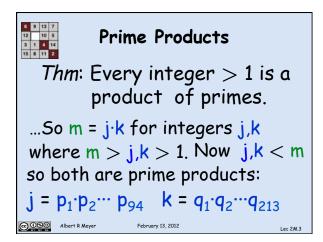


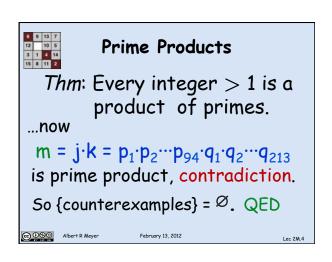


Prime Products

Thm: Every integer > 1 is a product of primes.

Proof: (by contradiction) Suppose {nonproducts} is nonempty. By WOP, there is a least m > 1 that is a nonproduct. This m is not prime (else is a product of 1 prime)

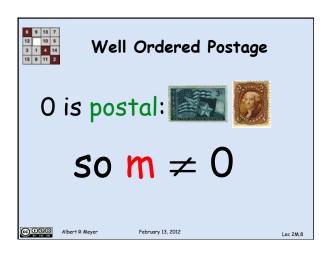


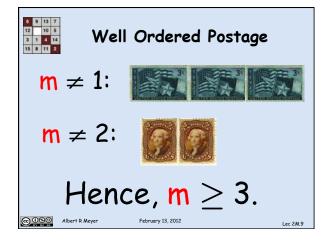


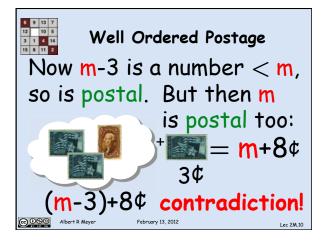












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6.042J / 18.062J Mathematics for Computer Science Spring 2015

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