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Jilyana Cazarán* (cazaran@math.lsu.edu), Department of Mathematics, Louisiana State University, Baton Rouge, LA 70803-4918. *Tensor Products and Quotient Rings which are Finite Commutative Principal Ideal Rings.*

Structure theorems are given for tensor products $R \otimes S$, and quotient rings Q/I , to be finite commutative principal ideal rings with identity, where Q is a polynomial ring and I is an ideal of Q generated by univariate polynomials. We also show when Q/I is a direct product of finite fields or Galois rings. (Received September 11, 2000)