A more generalized form of factorization, called \( \tau \)-factorization, was introduced in 2011 by D.D. Anderson and J. Reinkoester. In \( \tau \)-factorization, all factors of a factorization must belong to the same equivalence class modulo a fixed ideal. We discuss \( \tau \)-factorization in small settings and \( \tau \)-elasticity in a more general setting. (Received August 17, 2018)