1033-05-211   **Karen S Briggs*** (`kbriggs@ngcsu.edu`), 82 College Circle, Dahlonega, GA 30597, and **David P Little** and **James A Sellers**. *Combinatorial Proofs of Various q-Pell Identities via Tilings.*

Recently, Benjamin, Plott, and Sellers proved a variety of identities involving sums of Pell numbers combinatorially by interpreting both sides of a given identity as enumerators of certain sets of tilings using white squares, black squares, and gray dominoes. In this presentation, we state and prove q-analogues of several Pell identities via weighted tilings. (Received September 11, 2007)