Abstract: Two of the most fundamental results in the theory of partitions and $q$-series are Euler’s pentagonal numbers theorem and Gauss’ triangular series identity. In this talk we will present several new partition identities which are variations of, or companions to, these two celebrated identities of Euler and Gauss. Some of these are derived from specializations of a six parameter extension of Heine’s transformation due to the author which is motivated by a variant of Cauchy’s identity. One of our partition results is related to a theorem of Andrews-Dyson-Hickerson that connects the values of a certain quadratic form with the coefficients of a mock theta function of Ramanujan.