Abstract: The cone of effective divisors controls the rational maps from a variety. We study this important object for \( \overline{M}_{0,n} \), the moduli space of stable rational curves with \( n \) markings. Fulton once conjectured the effective cones for each \( n \) would follow a certain combinatorial pattern. However, this pattern holds true only for \( n < 6 \). Despite many subsequent attempts to describe the effective cones for all \( n \), we still lack even a conjectural description. We study the simplest open case, \( n=7 \), and identify the first known difference between characteristic 0 and characteristic \( p \). Although a full description of the effective cone for \( n=7 \) remains open, our methods allowed us to compute the entire effective cones of spaces associated with other stability conditions.