1077-00-1539 Andrew P Maturo* (maturoandrew@gmail.com), 420 Lexington Ave, Cranford, NJ 07016, and Nick Robbins (nrobbins@gettysburg.edu), 300 N Washington St, Gettysburg, PA 17325. Finding Asymmetric Drumming Rhythms.

We studied rhythms of length n where n is an odd natural number. We defined asymmetry for odd length rhythms and found the number of asymmetric rhythms given any n and r notes. Using this, we found the total number of asymmetric rhythms given any length and r. (Received September 20, 2011)