

AKSHARA PLACE SYSTEM

The *Akshara Place System* is a logical system for counting and calculating rhythmic cycles, phrases, and cadences. It is based on the principal of counting “backwards” through time to arrive at the desired cadence point. In *Example 1* the cycle is comprised of 5 pulses subdivided into 4 micro-divisions, the equivalent of 16th-notes related to quarter-notes. The “1”, as referred to in the Western counting system, is replaced with the 5th pulse of the cycle only for counting and calculating purposes. The ↑ indicates where the starting point of the two phrases of the 5/16 Basic Pattern. In *Example 2* the calculation is given over three cycles of 5/4. The ♪ represents the cue for going to 7/16 starting from the 14th Place.

Cycle of 5

Example 1 $\left\{ \begin{array}{c} \underline{20\ 19\ 18\ 17} \\ \underline{5} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{16\ 15\ 14\ 13} \\ \underline{4} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{12\ 11\ 10\ 9} \\ \underline{3} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{8\ 7\ 6\ 5} \\ \underline{2} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{4\ 3\ 2\ 1} \\ \underline{1} \\ \uparrow \end{array} \right\} \text{SUM}$

Example 2 $\left\{ \begin{array}{c} \underline{60\ 59\ 58\ 57} \\ \underline{15} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{56\ 55\ 54\ 53} \\ \underline{14} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{52\ 51\ 50\ 49} \\ \underline{13} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{48\ 47\ 46\ 45} \\ \underline{12} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{44\ 43\ 42\ 41} \\ \underline{11} \\ \uparrow \end{array} \right\}$
 $\left\{ \begin{array}{c} \underline{40\ 39\ 38\ 37} \\ \underline{10} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{36\ 35\ 34\ 33} \\ \underline{9} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{32\ 31\ 30\ 29} \\ \underline{8} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{28\ 27\ 26\ 25} \\ \underline{7} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{24\ 23\ 22\ 21} \\ \underline{6} \\ \uparrow \end{array} \right\}$
 $\left\{ \begin{array}{c} \underline{20\ 19\ 18\ 17} \\ \underline{5} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{16\ 15\ 14\ 13} \\ \underline{4} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{12\ 11\ 10\ 9} \\ \underline{3} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{8\ 7\ 6\ 5} \\ \underline{2} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{4\ 3\ 2\ 1} \\ \underline{1} \\ \uparrow \end{array} \right\} \text{SUM}$

Cycle of 7

The same principal applies in the cycle of 7. In these examples the ↑ indicates the beginning of each phrase of 7/16. The ♪ represents the cue to go to 5/16 and the cycle of 5 starting from the 20th Place.

Example 1

$\left\{ \begin{array}{c} \underline{28\ 27\ 26\ 25} \\ \underline{7} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{24\ 23\ 22\ 21} \\ \underline{6} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{20\ 19\ 18\ 17} \\ \underline{5} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{16\ 15\ 14\ 13} \\ \underline{4} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{12\ 11\ 10\ 9} \\ \underline{3} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{8\ 7\ 6\ 5} \\ \underline{2} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{4\ 3\ 2\ 1} \\ \underline{1} \\ \uparrow \end{array} \right\} \text{SUM}$

Example 2

$\left\{ \begin{array}{c} \underline{84\ 83\ 82\ 81} \\ \underline{21} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{80\ 79\ 78\ 77} \\ \underline{20} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{76\ 75\ 74\ 73} \\ \underline{19} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{72\ 71\ 70\ 69} \\ \underline{18} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{68\ 67\ 66\ 65} \\ \underline{17} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{64\ 63\ 62\ 61} \\ \underline{16} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{60\ 59\ 58\ 57} \\ \underline{15} \\ \uparrow \end{array} \right\}$
 $\left\{ \begin{array}{c} \underline{56\ 55\ 54\ 53} \\ \underline{14} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{52\ 51\ 50\ 49} \\ \underline{13} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{48\ 47\ 46\ 45} \\ \underline{12} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{44\ 43\ 42\ 41} \\ \underline{11} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{40\ 39\ 38\ 37} \\ \underline{10} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{36\ 35\ 34\ 33} \\ \underline{9} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{32\ 31\ 30\ 29} \\ \underline{8} \\ \uparrow \end{array} \right\}$
 $\left\{ \begin{array}{c} \underline{28\ 27\ 26\ 25} \\ \underline{7} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{24\ 23\ 22\ 21} \\ \underline{6} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{20\ 19\ 18\ 17} \\ \underline{5} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{16\ 15\ 14\ 13} \\ \underline{4} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{12\ 11\ 10\ 9} \\ \underline{3} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{8\ 7\ 6\ 5} \\ \underline{2} \\ \uparrow \end{array} \right\} \left\{ \begin{array}{c} \underline{4\ 3\ 2\ 1} \\ \underline{1} \\ \uparrow \end{array} \right\} \text{SUM}$