

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

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

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

Example 2

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