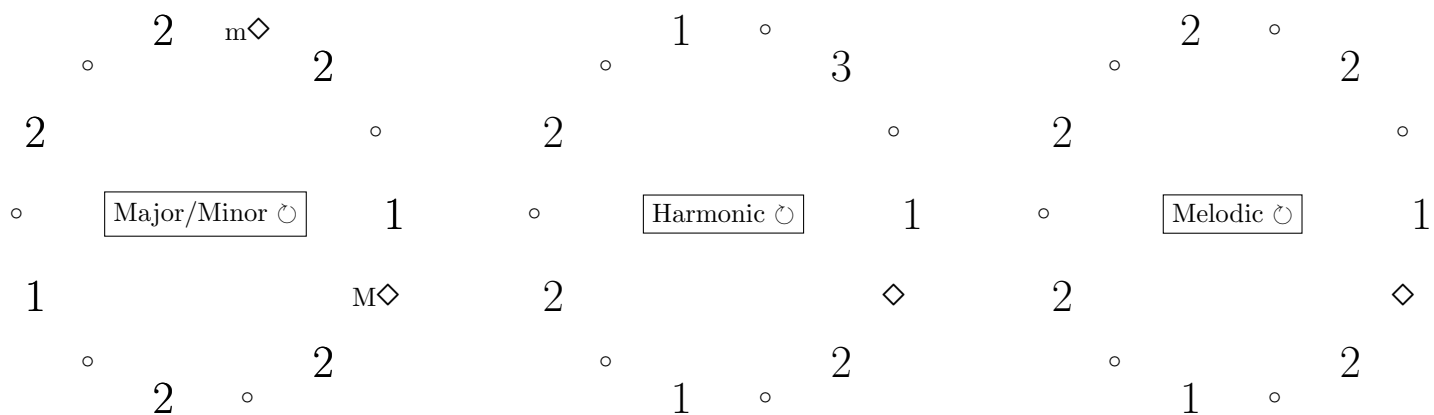
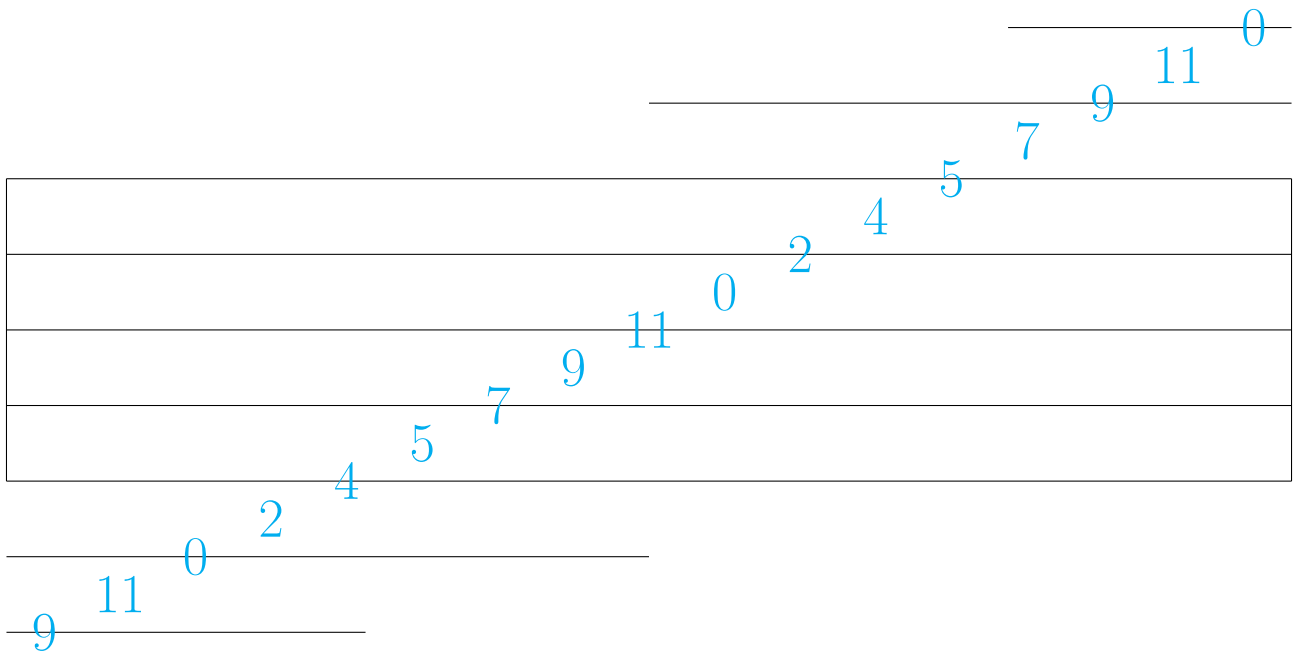


$$\begin{array}{cccccccccccccc} C & \cdot & D & \cdot & E & F & \cdot & G & \cdot & A & \cdot & B & \cdot & C \\ \updownarrow & \updownarrow & \updownarrow & \updownarrow & \updownarrow & \updownarrow & \updownarrow & \updownarrow & \updownarrow & \updownarrow & \updownarrow & \updownarrow & \updownarrow & \\ 0 & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 0 & \end{array}$$


Number of semitones	Name (Minor, Major or Perfect)	Short	Name (Diminished or Augmented)
0	Perfect unison	P1	Diminished second
1	Minor second	m2	Augmented unison
2	Major second	M2	Diminished third
3	Minor third	m3	Augmented second
4	Major third	M3	Diminished fourth
5	Perfect fourth	P4	Augmented third
6			Tritone—Diminished fifth
			Tritone—Augmented fourth
7	Perfect fifth	P5	Diminished sixth
8	Minor sixth	m6	Augmented fifth
9	Major sixth	M6	Diminished seventh
10	Minor seventh	m7	Augmented sixth
11	Major seventh	M7	Diminished octave
12	Octave—Perfect octave	P8	Augmented seventh

Common Chords

$\{0, 4, 7\}$	X major triad , X_M
$\{0, 3, 7\}$	X minor triad , X_m
$\{0, 3, 6\}$	X diminished triad , X°
$\{0, 2, 7\}$	X suspended second, X_{S2}
$\{0, 5, 7\}$	X suspended fourth, X_{S4}
$X_Z \cup \{9\}$	X_Z^6 , $Z \in \{M, m, \epsilon\}$
$X^\circ \cup \{9\}$	X diminished, $X^{\circ 7}$, X_{dim}^7
$X_Z \cup \{10\}$	X_Z^7 , $Z \in \{m, S2, S4\}$
$X_M \cup \{10\}$	X^7
$X^\circ \cup \{10\}$	X half diminished , $X^{\circ 7}$, X_{min}^{7b5}
$X_M \cup \{11\}$	X major 7 , X_M^7 , $X\Delta$ or $X^7\Delta$
$X_m \cup \{11\}$	X minor major 7 , $X_{\text{min \& maj}}^7$, $X-\Delta 7$
$X_Z^7 \cup \{2\}$	X_Z^9
$X^7 \cup \{1\}$	X^{7b9}
$X_Z^9 \cup \{5\}$	X_Z^{11} , $Z \in \{M, m, \epsilon\}$