

## Goniometrische Gleichungen Lösungen

1.  $\mathbb{L} = \{60^\circ, 300^\circ\}$
2.  $\mathbb{L} = \{90^\circ, 270^\circ\}$
3.  $\mathbb{L} = \{45^\circ, 225^\circ, 270^\circ\}$
4.  $\mathbb{L} = \{63^\circ 26', 108^\circ 26', 243^\circ 26', 288^\circ 26'\}$
5.  $\mathbb{L} = \{0^\circ, 45^\circ, 180^\circ, 225^\circ\}$
6.  $\mathbb{L} = \{0^\circ, 56^\circ 19', 180^\circ, 236^\circ 19'\}$
7.  $\mathbb{L} = \{53^\circ 08', 143^\circ 08', 233^\circ 08', 323^\circ 08'\}$
8.  $\mathbb{L} = \{30^\circ, 210^\circ\}$
9.  $\mathbb{L} = \{0^\circ, 60^\circ, 300^\circ\}$
10.  $\mathbb{L} = \{60^\circ, 180^\circ, 300^\circ\}$
11.  $\mathbb{L} = \{0^\circ, 120^\circ, 180^\circ, 240^\circ\}$
12.  $\mathbb{L} = \{60^\circ, 180^\circ, 300^\circ\}$
13.  $\mathbb{L} = \{0^\circ, 90^\circ, 120^\circ, 180^\circ, 240^\circ, 270^\circ\}$
14.  $\mathbb{L} = \{0^\circ, 36^\circ, 90^\circ, 108^\circ, 180^\circ, 252^\circ, 270^\circ, 324^\circ\}$
15.  $\mathbb{L} = \{0^\circ, 90^\circ, 180^\circ, 210^\circ, 330^\circ\}$
16.  $\mathbb{L} = \{0^\circ, 60^\circ, 120^\circ, 180^\circ, 240^\circ, 300^\circ\}$
17.  $\mathbb{L} = \{27^\circ 22', 62^\circ 38', 117^\circ 22', 152^\circ 38', 207^\circ 22', 242^\circ 38', 297^\circ 22', 332^\circ 38'\}$