Order 3 (2):

[1, 2, 3, 7] \*

[1, 2, 4, 6] \*

Order 4 (6):

[1, 2, 3, 4, 11]

[1, 2, 3, 5, 10] \*

[1, 2, 3, 6, 9]

[1, 2, 3, 7, 8]

[1, 2, 4, 5, 9]

[1, 2, 4, 6, 8]

Order 5 (21):

[1, 2, 3, 4, 5, 16]

[1, 2, 3, 4, 6, 15]

[1, 2, 3, 4, 7, 14] \*

[1, 2, 3, 4, 8, 13]

[1, 2, 3, 4, 9, 12]

[1, 2, 3, 4, 10, 11]

[1, 2, 3, 5, 6, 14] \*

[1, 2, 3, 5, 7, 13]

[1, 2, 3, 5, 8, 12]

[1, 2, 3, 5, 9, 11]

[1, 2, 3, 6, 7, 12]

[1, 2, 3, 6, 8, 11]

[1, 2, 3, 6, 9, 10]

[1, 2, 3, 7, 8, 10] \*

[1, 2, 4, 5, 6, 13] \*

[1, 2, 4, 5, 7, 12] \*

[1, 2, 4, 5, 8, 11]

[1, 2, 4, 5, 9, 10]

[1, 2, 4, 6, 7, 11]

[1, 2, 4, 6, 8, 10]

[1, 2, 4, 7, 8, 9]

Order 6 (77):

[1, 2, 3, 4, 5, 6, 22]

[1, 2, 3, 4, 5, 7, 21]

[1, 2, 3, 4, 5, 8, 20]

[1, 2, 3, 4, 5, 9, 19]

[1, 2, 3, 4, 5, 10, 18]

[1, 2, 3, 4, 5, 11, 17]

[1, 2, 3, 4, 5, 12, 16]

[1, 2, 3, 4, 5, 13, 15]

[1, 2, 3, 4, 6, 7, 20]

[1, 2, 3, 4, 6, 8, 19]

[1, 2, 3, 4, 6, 9, 18]

[1, 2, 3, 4, 6, 10, 17]

[1, 2, 3, 4, 6, 11, 16]

[1, 2, 3, 4, 6, 12, 15]

[1, 2, 3, 4, 6, 13, 14]

[1, 2, 3, 4, 7, 8, 18]

[1, 2, 3, 4, 7, 9, 17]

[1, 2, 3, 4, 7, 10, 16]

[1, 2, 3, 4, 7, 11, 15]

[1, 2, 3, 4, 7, 12, 14]

[1, 2, 3, 4, 8, 9, 16]

[1, 2, 3, 4, 8, 10, 15]

[1, 2, 3, 4, 8, 11, 14]

[1, 2, 3, 4, 8, 12, 13]

[1, 2, 3, 4, 9, 10, 14]

[1, 2, 3, 4, 9, 11, 13]

[1, 2, 3, 4, 10, 11, 12]

[1, 2, 3, 5, 6, 7, 19]

[1, 2, 3, 5, 6, 8, 18]

[1, 2, 3, 5, 6, 9, 17]

[1, 2, 3, 5, 6, 10, 16]

[1, 2, 3, 5, 6, 11, 15]

[1, 2, 3, 5, 6, 12, 14]

[1, 2, 3, 5, 7, 8, 17]

[1, 2, 3, 5, 7, 9, 16]

[1, 2, 3, 5, 7, 10, 15]

[1, 2, 3, 5, 7, 11, 14]

[1, 2, 3, 5, 7, 12, 13]

[1, 2, 3, 5, 8, 9, 15]

[1, 2, 3, 5, 8, 10, 14]

[1, 2, 3, 5, 8, 11, 13]

[1, 2, 3, 5, 9, 10, 13]

[1, 2, 3, 5, 9, 11, 12]

[1, 2, 3, 6, 7, 8, 16]

[1, 2, 3, 6, 7, 9, 15]

[1, 2, 3, 6, 7, 10, 14]

[1, 2, 3, 6, 7, 11, 13]

[1, 2, 3, 6, 8, 9, 14]

[1, 2, 3, 6, 8, 10, 13]

[1, 2, 3, 6, 8, 11, 12]

[1, 2, 3, 6, 9, 10, 12]

[1, 2, 3, 7, 8, 9, 13]

[1, 2, 3, 7, 8, 10, 12]

[1, 2, 3, 7, 9, 10, 11]

[1, 2, 4, 5, 6, 7, 18]

[1, 2, 4, 5, 6, 8, 17]

[1, 2, 4, 5, 6, 9, 16]

[1, 2, 4, 5, 6, 10, 15]

[1, 2, 4, 5, 6, 11, 14]

[1, 2, 4, 5, 6, 12, 13]

[1, 2, 4, 5, 7, 8, 16]

[1, 2, 4, 5, 7, 9, 15]

[1, 2, 4, 5, 7, 10, 14]

[1, 2, 4, 5, 7, 11, 13]

[1, 2, 4, 5, 8, 9, 14]

[1, 2, 4, 5, 8, 10, 13]

[1, 2, 4, 5, 8, 11, 12]

[1, 2, 4, 5, 9, 10, 12]

[1, 2, 4, 6, 7, 8, 15]

[1, 2, 4, 6, 7, 9, 14]

[1, 2, 4, 6, 7, 10, 13]

[1, 2, 4, 6, 7, 11, 12]

[1, 2, 4, 6, 8, 9, 13]

[1, 2, 4, 6, 8, 10, 12]

[1, 2, 4, 6, 9, 10, 11]

[1, 2, 4, 7, 8, 9, 12]

[1, 2, 4, 7, 8, 10, 11]