g6: ⊗
(n, m) = (1,0), LAnGA, Ordinary

Non-Trivial
Replacements
(none)

Weird
(none)

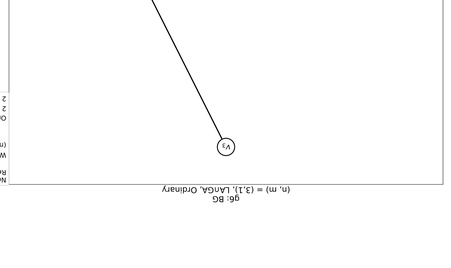
Ordinary
(none)

g6: A?
(n, m) = (2,0), LAnGA, Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
(none)

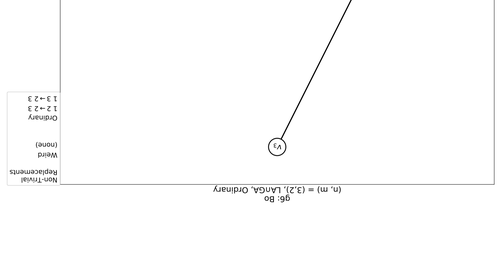
g6: BG
(n, m) = (3,1), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
2 3 → 1 2
2 4 → 1 3

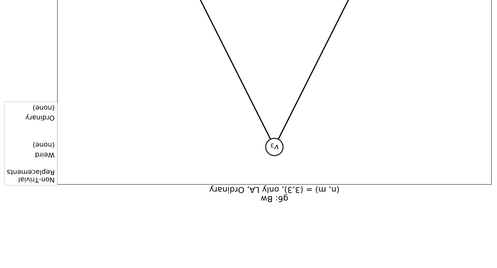
g6: Bo
(n, m) = (3,2), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 2 3
1 3 → 2 1

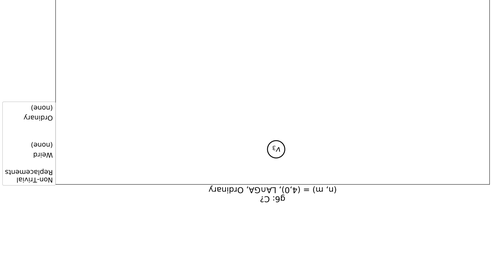
g6: Bw
(n, m) = (3,3), only LA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
(none)

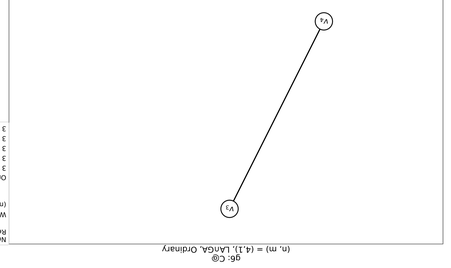
g6: C?
(n, m) = (4,0), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
(none)

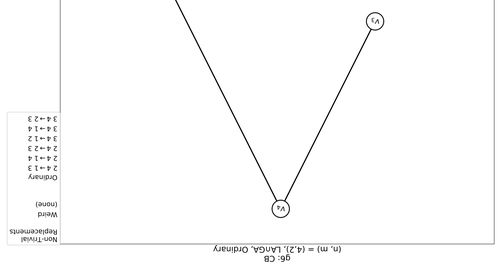
g6: ⊗
(n, m) = (1,1), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
3 4 → 1 2
3 4 → 1 3
3 4 → 1 4
3 4 → 2 3
3 4 → 2 4

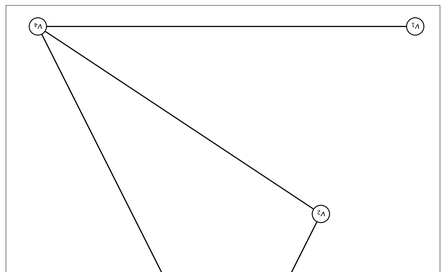
g6: CB
(n, m) = (4,2), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
2 4 → 1 3
2 4 → 2 3
3 4 → 1 2
3 4 → 1 4
3 4 → 2 3

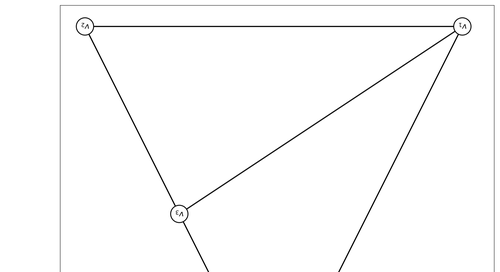
g6: CN
(n, m) = (4,4), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 4 → 1 2
1 4 → 1 3
2 3 → 1 2
2 4 → 1 3
3 4 → 1 2

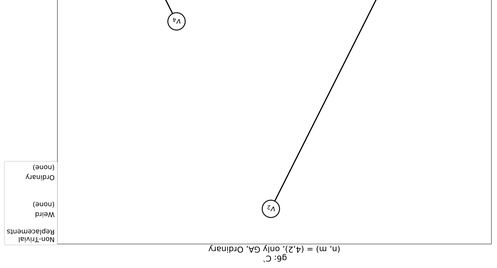
g6: C~
(n, m) = (4,5), only LA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 2 4
1 3 → 2 4
1 4 → 2 4
2 3 → 2 4
3 4 → 2 4

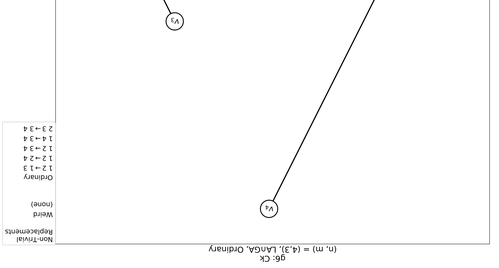
g6: C
(n, m) = (4,2), only GA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
(none)

g6: CK
(n, m) = (4,3), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 3
1 2 → 2 4
1 2 → 3 4
1 4 → 3 4
2 3 → 3 4

g6: B?
(n, m) = (3,0), LAnGA, Ordinary

Non-Trivial
Replacements
Weird
(none)

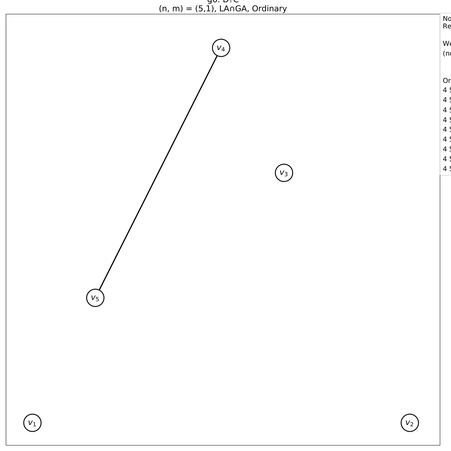
Ordinary
(none)

g6: D??
(n, m) = (5,0), LAnGA, Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
(none)

g6: D?C
(n, m) = (5,1), LAnGA, Ordinary

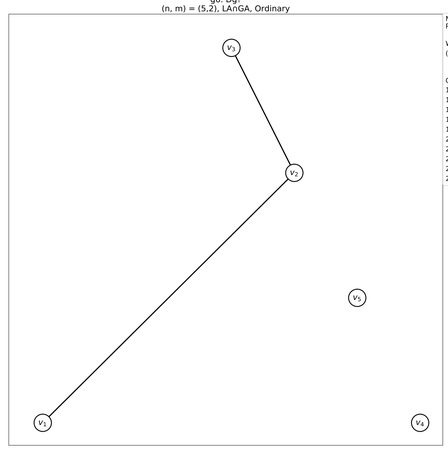


Non-Trivial Replacements

Weird
(none)

Ordinary
4 5 → 1 2
4 5 → 1 3
4 5 → 1 4
4 5 → 1 5
4 5 → 2 3
4 5 → 2 4
4 5 → 2 5
4 5 → 3 4
4 5 → 3 5

g6: Dg?
(n, m) = (5,2), LAnGA, Ordinary

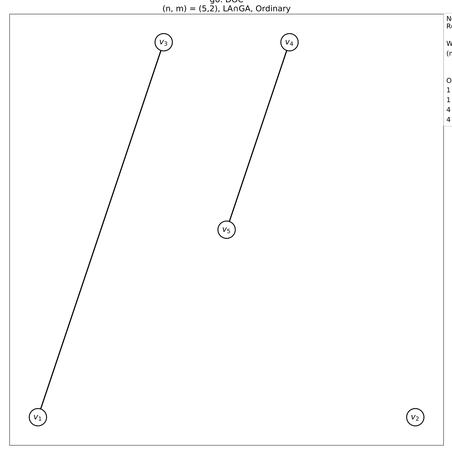


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 2 → 2 4
1 2 → 2 5
1 2 → 3 4
1 2 → 3 5
2 3 → 1 3
2 3 → 1 4
2 3 → 1 5
2 3 → 2 4
2 3 → 2 5

g6: DOC
(n, m) = (5,2), LAnGA, Ordinary

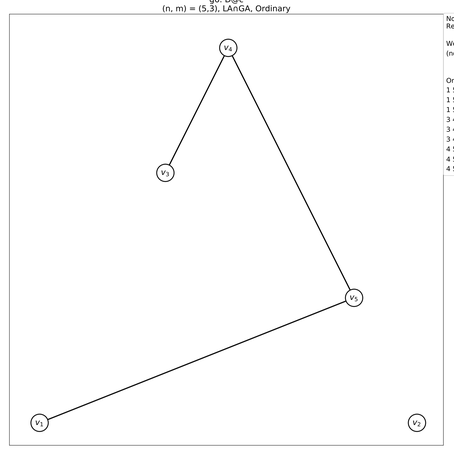


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 2
1 3 → 2 3
4 5 → 2 4
4 5 → 2 5

g6: D@c
(n, m) = (5,3), LAnGA, Ordinary

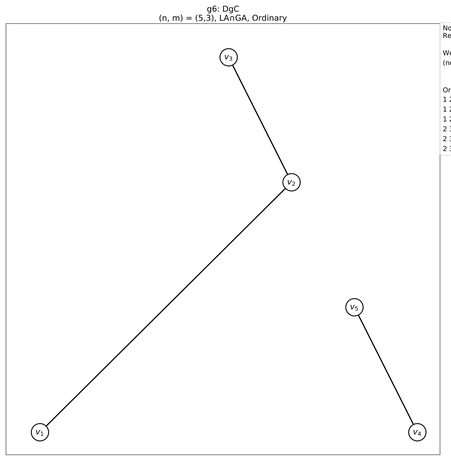


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 3
1 5 → 2 3
1 5 → 2 5
3 4 → 1 2
3 4 → 1 3
3 4 → 2 4
4 5 → 1 3
4 5 → 1 4
4 5 → 3 5

g6: DqC
(n, m) = (5,3), LAnGA, Ordinary

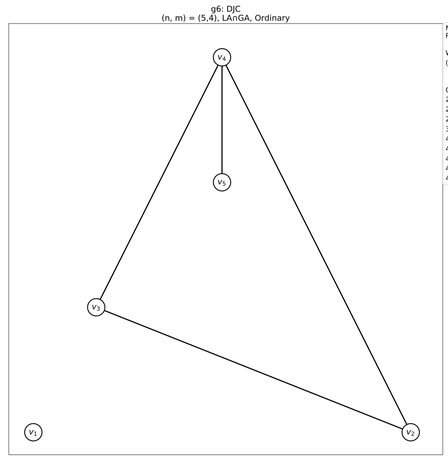


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 2 → 1 4
1 2 → 1 5
2 3 → 1 3
2 3 → 3 4
2 3 → 3 5

g6: DJC
(n, m) = (5,4), LAnGA, Ordinary

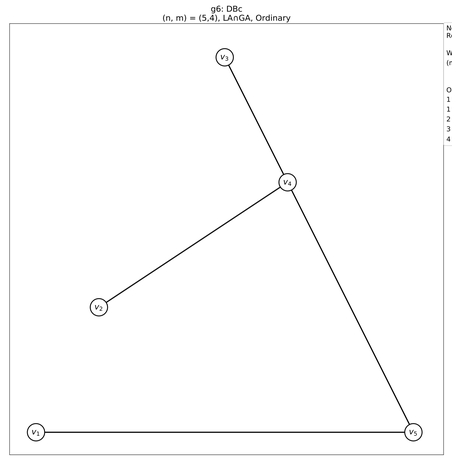


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 2 5
2 3 → 3 5
2 4 → 3 5
3 4 → 2 5
4 5 → 1 2
4 5 → 1 3
4 5 → 1 4
4 5 → 2 5
4 5 → 3 5

g6: DBc
(n, m) = (5,4), LAnGA, Ordinary

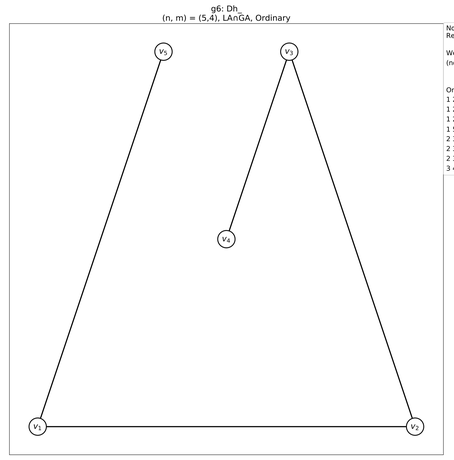


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 2
1 5 → 1 3
2 4 → 2 5
3 4 → 3 5
4 5 → 1 4

g6: Dh_
(n, m) = (5,4), LAnGA, Ordinary

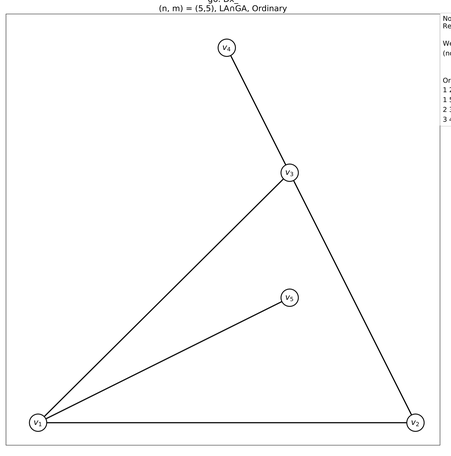


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 4
1 2 → 2 5
1 2 → 4 5
1 5 → 4 5
2 3 → 2 4
2 3 → 3 5
2 3 → 4 5
3 4 → 4 5

g6: Dx_
(n, m) = (5,5), LAnGA, Ordinary

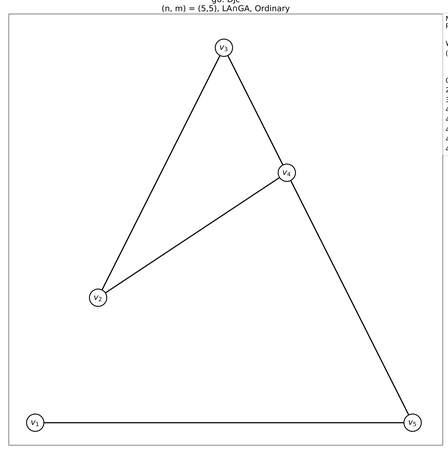


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 4
1 5 → 2 5
2 3 → 3 5
3 4 → 2 4

g6: DJc
(n, m) = (5,5), LAnGA, Ordinary

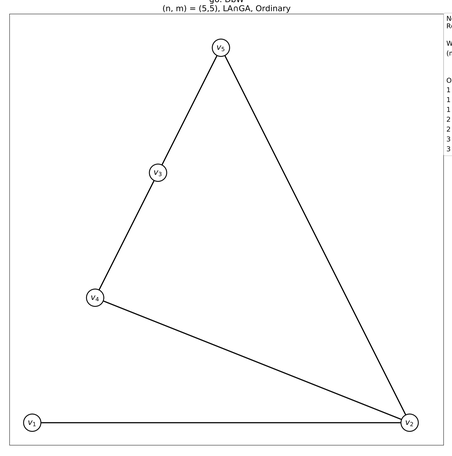


Non-Trivial Replacements

Weird
(none)

Ordinary
2 4 → 1 4
3 4 → 1 4
4 5 → 1 2
4 5 → 1 3
4 5 → 1 4
4 5 → 2 5
4 5 → 3 5

g6: DbW
(n, m) = (5,5), LAnGA, Ordinary

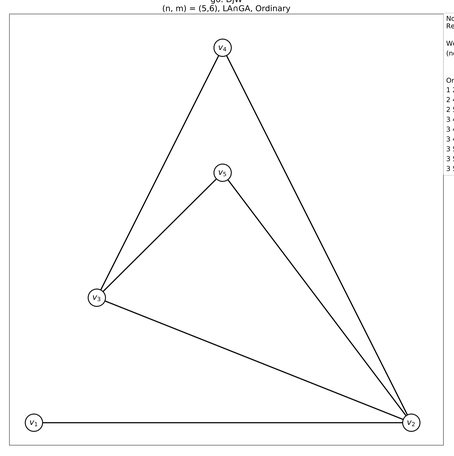


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 2 → 1 4
1 2 → 1 5
2 4 → 1 3
2 5 → 1 3
3 4 → 1 3
3 5 → 1 3

g6: DjW
(n, m) = (5,6), LAnGA, Ordinary

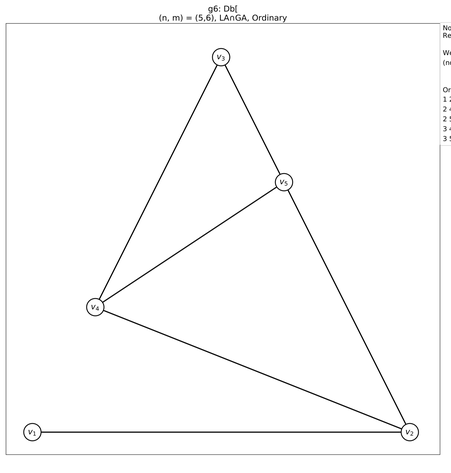


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
2 4 → 1 3
2 5 → 1 3
3 4 → 1 3
3 4 → 1 5
3 4 → 4 5
3 5 → 1 3
3 5 → 1 4
3 5 → 4 5

g6: Db[
(n, m) = (5,6), LAnGA, Ordinary

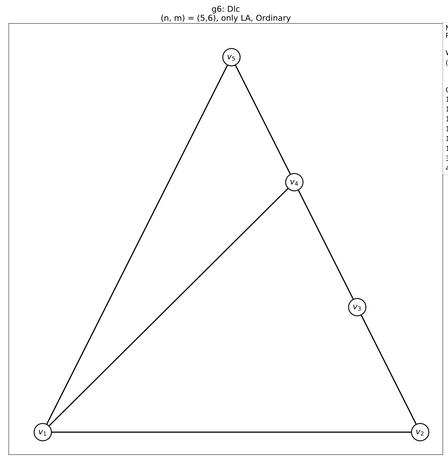


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
2 4 → 2 3
2 5 → 2 3
3 4 → 1 4
3 5 → 1 5

g6: Dlc
(n, m) = (5,6), only LA, Ordinary

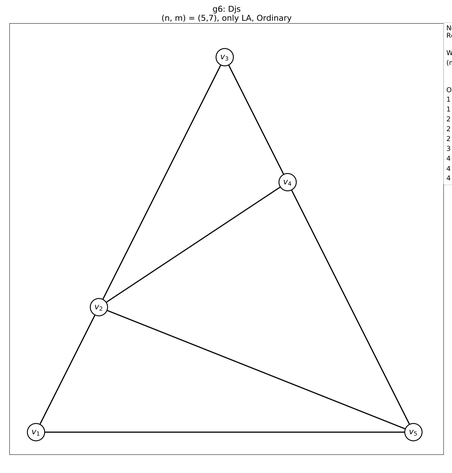


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 5
1 4 → 1 3
1 4 → 2 4
1 4 → 2 5
1 4 → 3 5
1 5 → 3 5
3 4 → 3 5
4 5 → 2 5

g6: DJs
(n, m) = (5,7), only LA, Ordinary

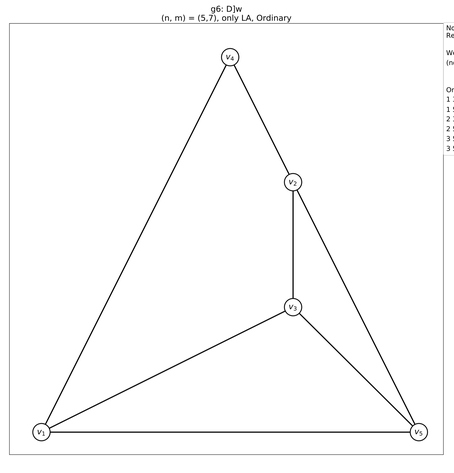


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 4
1 5 → 1 3
2 3 → 3 5
2 4 → 3 5
2 5 → 1 4
3 4 → 1 3
4 5 → 1 3
4 5 → 1 4
4 5 → 3 5

g6: DJw
(n, m) = (5,7), only LA, Ordinary

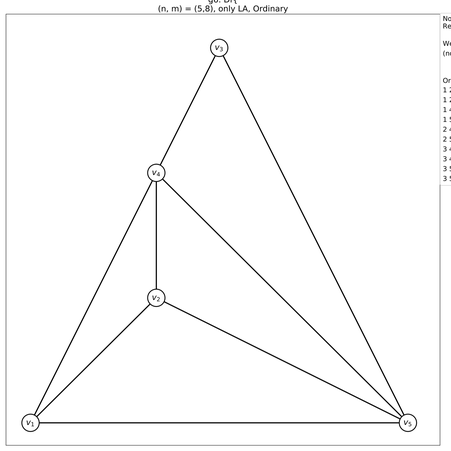


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 3 4
1 5 → 4 5
2 3 → 3 4
2 5 → 4 5
3 5 → 3 4
3 5 → 4 5

g6: Df{
(n, m) = (5,8), only LA, Ordinary

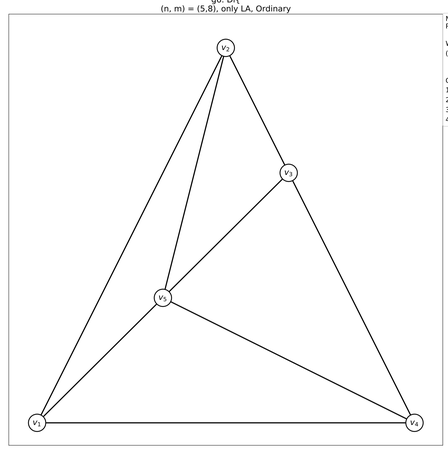


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 2 → 2 3
1 4 → 2 3
1 5 → 2 3
2 4 → 1 3
2 5 → 1 3
3 4 → 1 3
3 4 → 2 3
3 5 → 1 3
3 5 → 2 3

g6: Dl{
(n, m) = (5,8), only LA, Ordinary

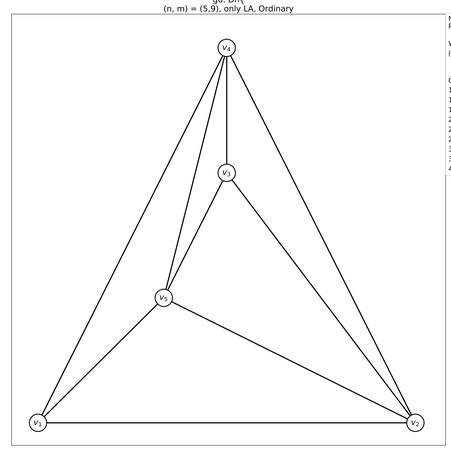


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 3
2 5 → 2 4
3 5 → 1 3
4 5 → 2 4

g6: Dn{
(n, m) = (5,9), only LA, Ordinary

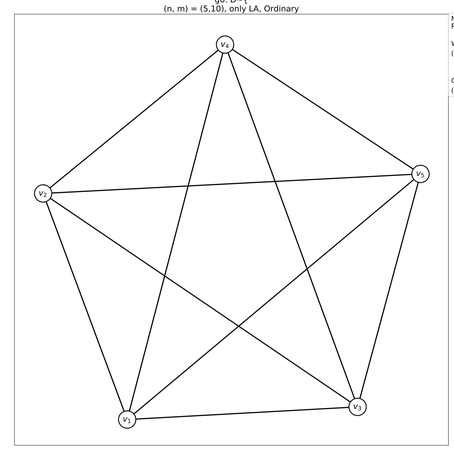


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 4 → 1 3
1 5 → 1 3
2 3 → 1 3
2 4 → 1 3
2 5 → 1 3
3 4 → 1 3
3 5 → 1 3
4 5 → 1 3

g6: D~{
(n, m) = (5,10), only LA, Ordinary

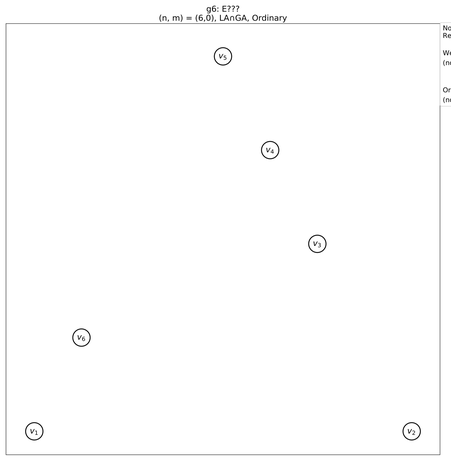


Non-Trivial Replacements

Weird
(none)

Ordinary
(none)

g6: E???
(n, m) = (6,0), LAnGA, Ordinary

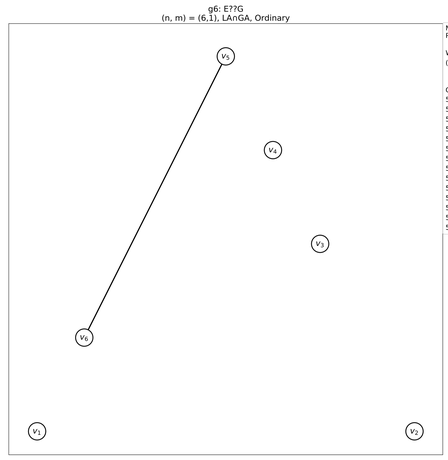


Non-Trivial Replacements

Weird
(none)

Ordinary
(none)

g6: E??G
(n, m) = (6,1), LAnGA, Ordinary

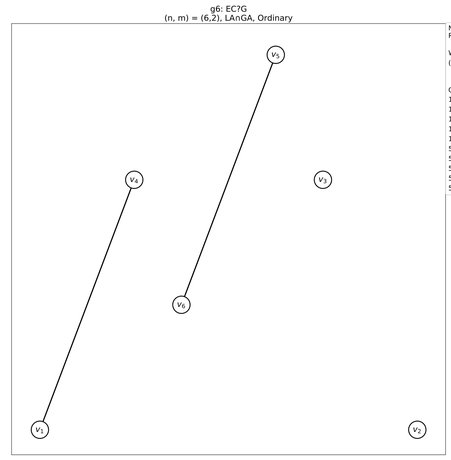


Non-Trivial Replacements

Weird
(none)

Ordinary
5 6 → 1 2
5 6 → 1 3
5 6 → 1 4
5 6 → 1 5
5 6 → 1 6
5 6 → 2 3
5 6 → 2 4
5 6 → 2 5
5 6 → 2 6
5 6 → 3 4
5 6 → 3 5
5 6 → 3 6
5 6 → 4 5
5 6 → 4 6

g6: EC?G
(n, m) = (6,2), LAnGA, Ordinary

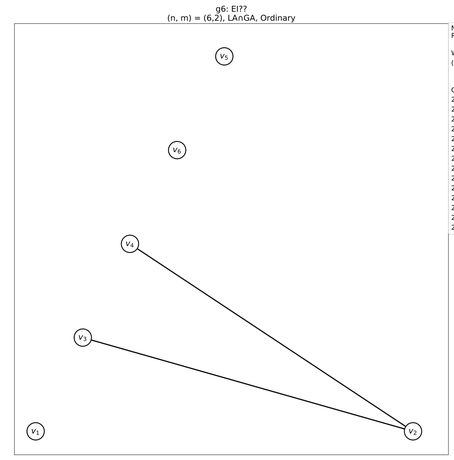


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 2
1 4 → 1 3
1 4 → 2 3
1 4 → 2 4
1 4 → 3 4
5 6 → 2 3
5 6 → 2 5
5 6 → 2 6
5 6 → 3 5
5 6 → 3 6

g6: EI??
(n, m) = (6,2), LAnGA, Ordinary

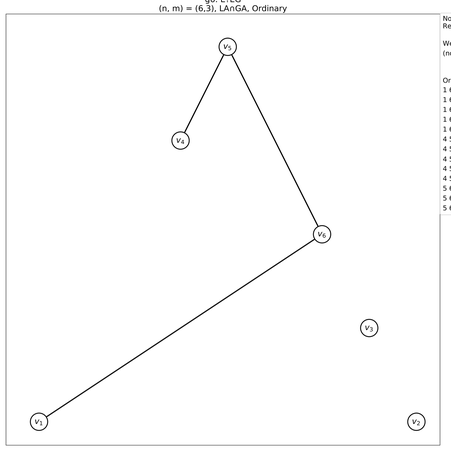


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 1 2
2 3 → 1 4
2 3 → 2 5
2 3 → 2 6
2 3 → 3 4
2 3 → 4 5
2 3 → 4 6
2 4 → 1 2
2 4 → 1 3
2 4 → 2 5
2 4 → 2 6
2 4 → 3 4
2 4 → 3 5
2 4 → 3 6

g6: E7EG
(n, m) = (6,3), LAnGA, Ordinary

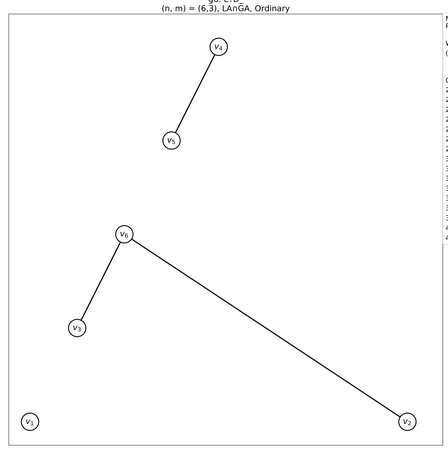


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 4
1 6 → 2 4
1 6 → 2 6
1 6 → 3 4
1 6 → 3 6
4 5 → 1 2
4 5 → 1 3
4 5 → 1 4
4 5 → 2 5
4 5 → 3 5
5 6 → 1 4
5 6 → 1 5
5 6 → 4 6

g6: E7D_
(n, m) = (6,3), LAnGA, Ordinary

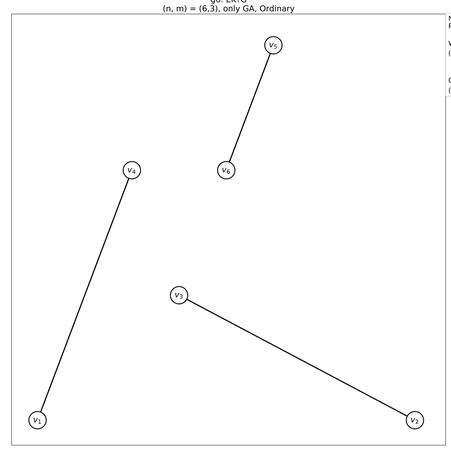


Non-Trivial Replacements

Weird
(none)

Ordinary
2 6 → 1 3
2 6 → 1 4
2 6 → 1 5
2 6 → 1 6
2 6 → 2 3
2 6 → 2 4
2 6 → 2 5
3 6 → 1 2
3 6 → 1 4
3 6 → 1 5
3 6 → 1 6
3 6 → 2 3
3 6 → 3 4
3 6 → 3 5
4 5 → 1 4
4 5 → 1 5

g6: EK?G
(n, m) = (6,3), only GA, Ordinary

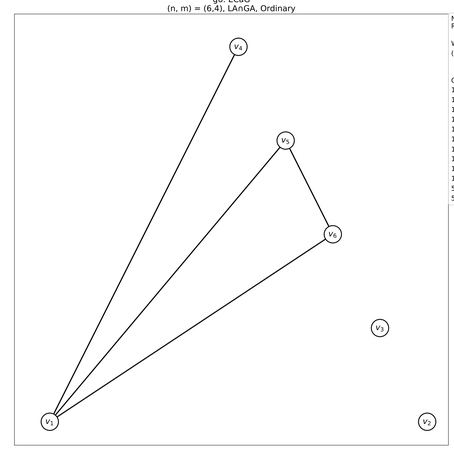


Non-Trivial Replacements

Weird
(none)

Ordinary
(none)

g6: ECaG
(n, m) = (6,4), LAnGA, Ordinary

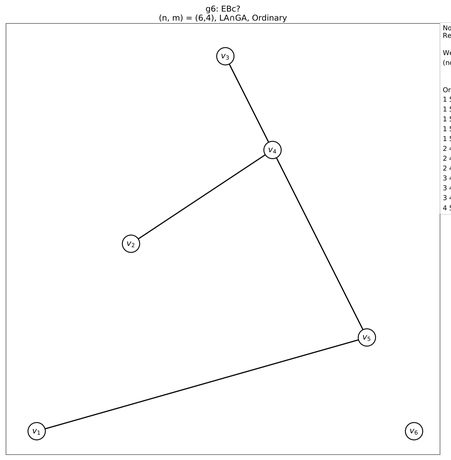


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 2
1 4 → 1 3
1 4 → 2 5
1 4 → 2 6
1 4 → 3 5
1 4 → 3 6
1 4 → 4 5
1 4 → 4 6
1 5 → 4 6
1 6 → 4 5
5 6 → 4 5
5 6 → 4 6

g6: EBc?
(n, m) = (6,4), LAnGA, Ordinary

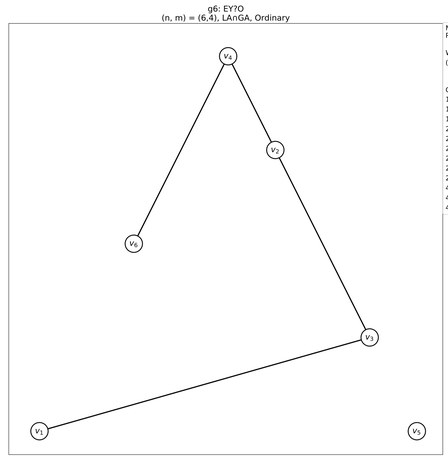


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 2
1 5 → 1 3
1 5 → 2 6
1 5 → 3 6
1 5 → 5 6
2 4 → 2 5
2 4 → 4 6
2 4 → 5 6
3 4 → 3 5
3 4 → 4 6
3 4 → 5 6
4 5 → 1 4

g6: EY?O
(n, m) = (6,4), LAnGA, Ordinary

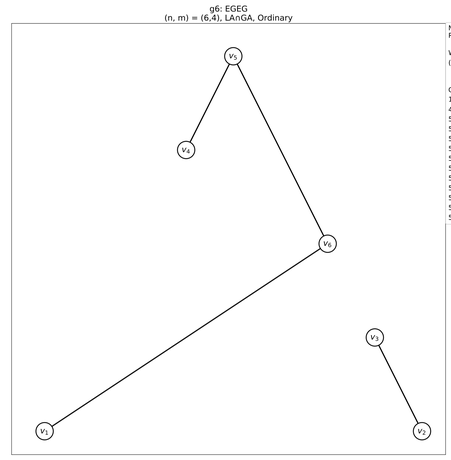


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 6
1 3 → 3 5
1 3 → 5 6
2 3 → 1 2
2 3 → 1 6
2 3 → 3 6
2 4 → 1 4
2 4 → 1 6
2 4 → 2 6
4 6 → 1 5
4 6 → 1 6
4 6 → 4 5

g6: EGEG
(n, m) = (6,4), LAnGA, Ordinary

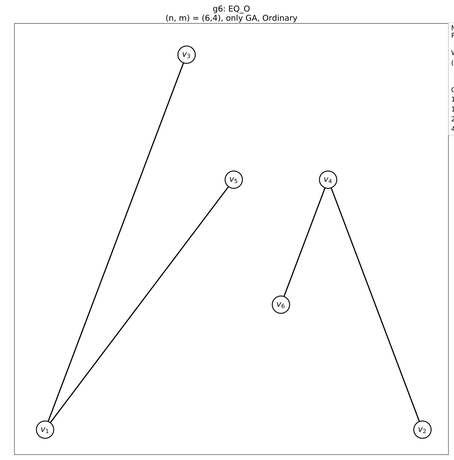


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 4
4 5 → 1 4
5 6 → 1 2
5 6 → 1 3
5 6 → 1 4
5 6 → 1 5
5 6 → 2 4
5 6 → 2 5
5 6 → 2 6
5 6 → 3 4
5 6 → 3 5
5 6 → 3 6
5 6 → 4 6

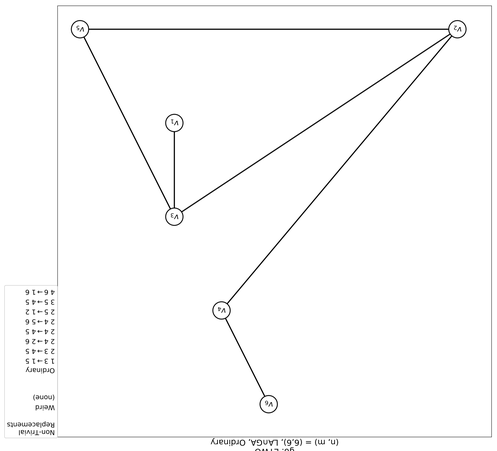
g6: EQ_O
(n, m) = (6,4), only GA, Ordinary



Non-Trivial Replacements

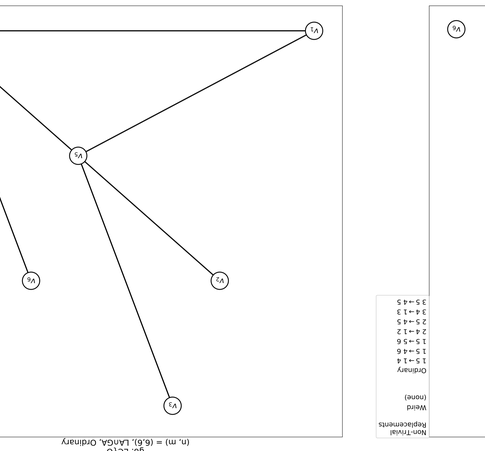
Weird
(none)

Ordinary
1 3 → 3 5
1 5 → 3 5
2 4 → 2 6
4 6 → 2 6



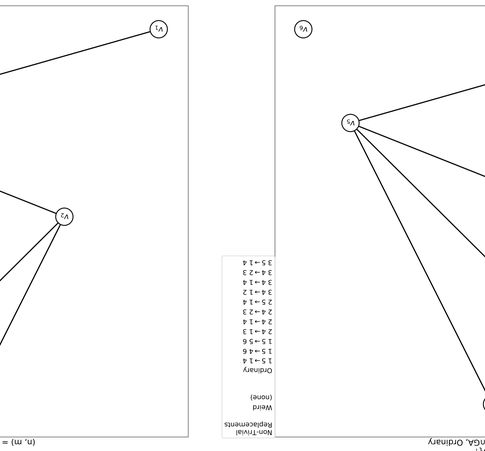
g6: EB{?
(n, m) = (6,6), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 5 → 1 4
1 5 → 4 6
2 4 → 1 3
1 5 → 5 6
2 4 → 1 4
2 4 → 2 3
2 5 → 1 4
3 4 → 1 2
3 4 → 2 3
3 4 → 1 4
3 5 → 1 4



g6: EJ?
(n, m) = (6,6), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 5 → 1 4
1 5 → 4 6
1 5 → 5 6
2 3 → 1 2
2 4 → 1 2
2 5 → 4 5
3 4 → 1 3
3 5 → 4 5



g6: EC{O
(n, m) = (6,6), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 4 → 2 4
1 4 → 2 4
1 5 → 2 4
1 5 → 3 4
1 5 → 5 6
2 3 → 1 2
2 5 → 2 4
3 5 → 3 4
4 6 → 1 6

g6: EWO
(n, m) = (6,6), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 3 → 1 5
2 3 → 4 5
2 4 → 2 6
2 4 → 4 5
2 4 → 5 6
2 5 → 1 2
3 5 → 4 5
4 6 → 1 6

g6: E@cW
(n, m) = (6,5), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 5 → 1 4
1 5 → 4 6
1 5 → 5 6
2 4 → 1 3
2 4 → 1 4
2 4 → 2 3
2 5 → 1 4
3 4 → 1 2
3 4 → 1 4
3 4 → 2 3
3 5 → 1 4

g6: EH?
(n, m) = (6,5), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 4 → 2 4
1 4 → 2 4
1 5 → 1 4
1 5 → 2 4
1 5 → 3 4
1 5 → 5 6
2 3 → 1 2
2 5 → 2 4
3 5 → 3 4
4 6 → 1 6

g6: EJ?
(n, m) = (6,5), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 5 → 5 6
2 4 → 1 3
2 4 → 1 4
2 4 → 2 3
2 5 → 1 4
3 4 → 1 3
3 4 → 1 4
4 5 → 1 4
4 5 → 2 5
4 5 → 3 5

g6: EIO
(n, m) = (6,5), only GA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 3 → 2 5
1 5 → 2 5
2 3 → 2 5
2 3 → 3 6
2 4 → 3 6
2 4 → 4 6
3 4 → 2 6
4 6 → 3 6

g6: E5CW
(n, m) = (6,5), only GA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 4 → 1 5
1 4 → 1 6
5 6 → 2 3

g6: E#7
(n, m) = (6,5), only GA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 5 → 5 6
2 4 → 5 6
4 5 → 2 5
4 5 → 2 6
4 5 → 3 5
4 5 → 3 6
4 5 → 4 6

g6: EB?
(n, m) = (6,5), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 4 → 1 2
1 5 → 1 3
1 5 → 2 6
1 5 → 3 6
1 5 → 4 6
2 4 → 2 6
2 5 → 3 6
3 4 → 3 6
3 5 → 2 6

g6: E7?
(n, m) = (6,5), only GA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 2 → 1 3
1 2 → 1 4
2 3 → 1 4
2 4 → 1 3
3 4 → 1 4
4 5 → 2 3
4 5 → 2 5
5 6 → 2 3
5 6 → 3 6

g6: E{?G
(n, m) = (6,5), only GA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 2 → 2 3
1 6 → 1 3
1 6 → 2 3
1 6 → 2 6
2 4 → 2 3
4 5 → 2 3
4 5 → 3 5
4 5 → 4 6
5 6 → 2 5
5 6 → 3 6

g6: E7G
(n, m) = (6,5), only GA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 4 → 2 3
1 5 → 1 3
1 5 → 1 4
1 5 → 2 6
1 5 → 4 6
1 5 → 5 6
2 4 → 2 6
2 5 → 3 6
3 4 → 3 6
3 5 → 2 6

g6: ECd
(n, m) = (6,5), only GA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 4 → 2 3
1 5 → 2 3
2 6 → 2 3
3 6 → 2 3
4 5 → 2 3

g6: E{CO
(n, m) = (6,5), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 3 → 2 5
1 4 → 2 5
1 5 → 2 6
1 5 → 3 6
1 5 → 4 6
1 5 → 5 6
2 3 → 1 3
2 5 → 1 3
3 4 → 1 3
4 5 → 1 3

g6: EJG
(n, m) = (6,5), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 2 → 1 3
1 2 → 1 4
2 3 → 1 4
2 4 → 1 3
3 4 → 1 4
4 5 → 1 3
4 5 → 2 5
4 5 → 3 5
4 5 → 4 6
5 6 → 2 5
5 6 → 3 6

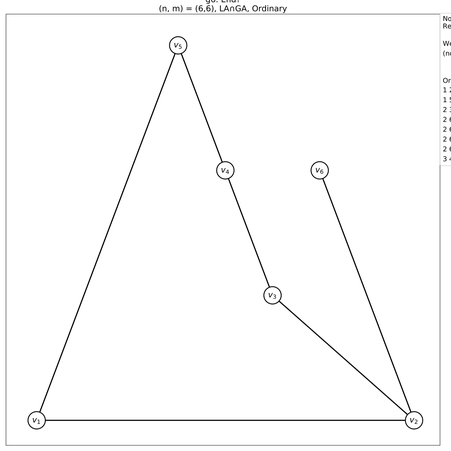
g6: E?G
(n, m) = (6,5), only GA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 2 → 1 3
1 2 → 1 4
2 3 → 1 4
2 4 → 1 3
3 4 → 1 4
4 5 → 1 3
4 5 → 2 3
4 5 → 2 5
4 5 → 3 5
5 6 → 2 3
5 6 → 3 6

g6: EBY?
(n, m) = (6,5), LAnGA, Ordinary

Non-Trivial Replacements
Weird (none)
Ordinary
1 5 → 1 2
1 5 → 1 3
1 5 → 1 4
1 5 → 2 6
1 5 → 3 6
1 5 → 4 6
2 4 → 2 6
2 5 → 3 6
3 4 → 3 6
3 5 → 2 6

g6: Ehd?
(n, m) = (6,6), LAnGA, Ordinary

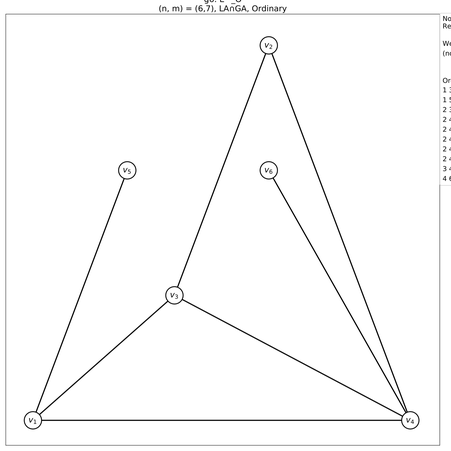


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 5 6
1 5 → 5 6
2 3 → 4 6
2 6 → 1 6
2 6 → 3 6
2 6 → 4 6
2 6 → 5 6
3 4 → 4 6

g6: E^_O
(n, m) = (6,7), LAnGA, Ordinary

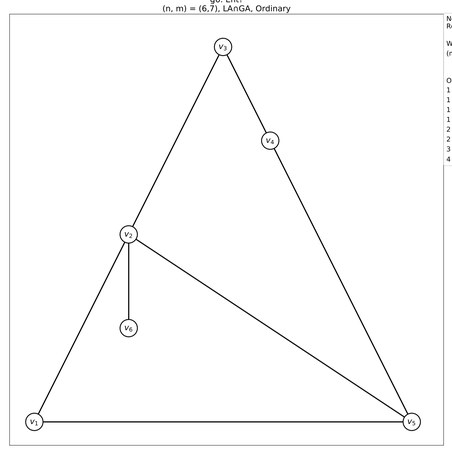


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 2
1 5 → 2 5
2 3 → 3 6
2 4 → 1 2
2 4 → 1 6
2 4 → 3 5
2 4 → 3 6
2 4 → 4 5
3 4 → 1 2
4 6 → 3 6

g6: EHt?
(n, m) = (6,7), LAnGA, Ordinary

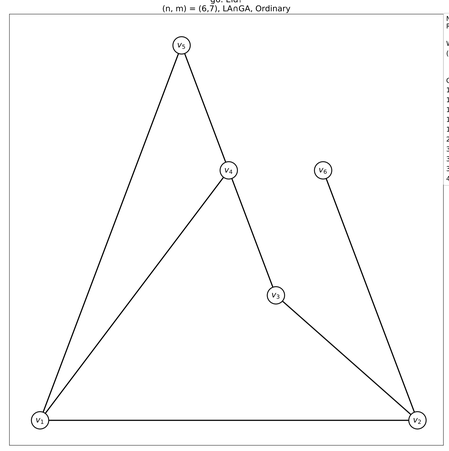


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 5 6
1 5 → 1 3
1 5 → 3 6
1 5 → 5 6
2 5 → 2 4
2 6 → 5 6
3 4 → 4 6
4 5 → 1 4

g6: Eld?
(n, m) = (6,7), LAnGA, Ordinary

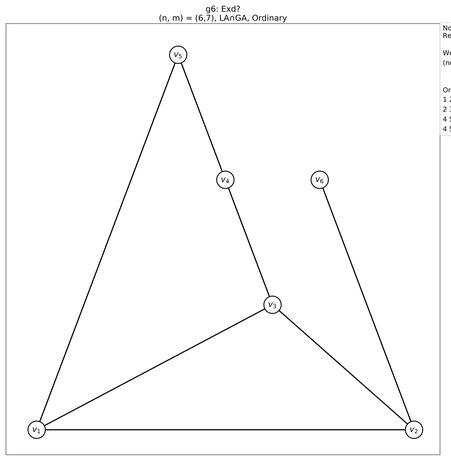


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 5
1 4 → 3 5
1 5 → 1 6
1 5 → 3 5
1 5 → 3 6
2 6 → 3 6
3 4 → 3 5
3 4 → 4 6
3 4 → 5 6
4 5 → 3 6

g6: Exd?
(n, m) = (6,7), LAnGA, Ordinary

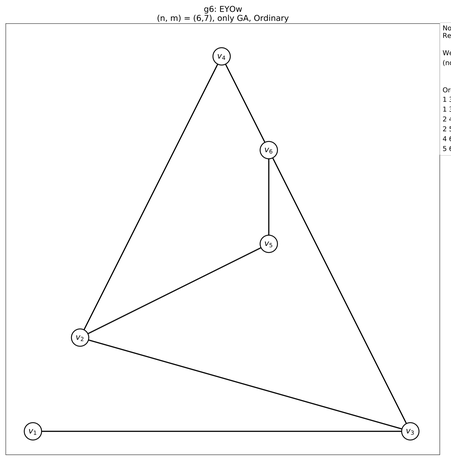


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 4
2 3 → 2 5
4 5 → 4 6
4 5 → 5 6

g6: EYOw
(n, m) = (6,7), only GA, Ordinary

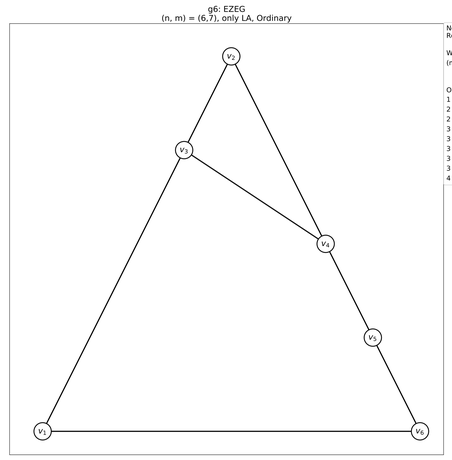


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 4
1 3 → 1 5
2 4 → 1 5
2 5 → 1 4
4 6 → 1 5
5 6 → 1 4

g6: EZEG
(n, m) = (6,7), only LA, Ordinary

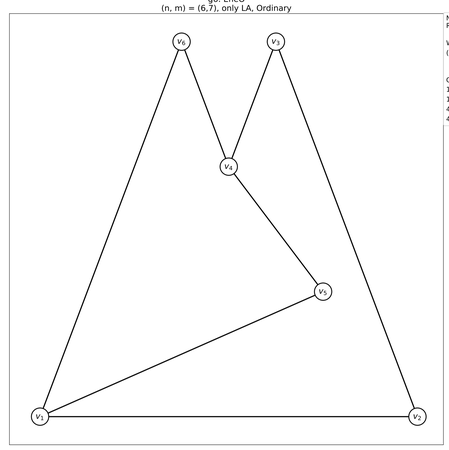


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 2
2 3 → 2 5
2 4 → 1 2
3 4 → 1 2
3 4 → 1 5
3 4 → 2 5
3 4 → 3 6
3 4 → 4 6
4 5 → 2 5

g6: EheO
(n, m) = (6,7), only LA, Ordinary

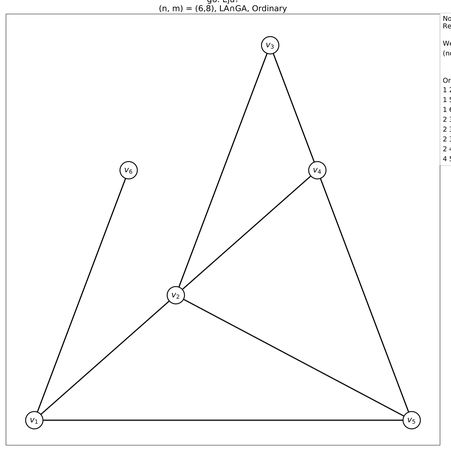


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 2 5
1 6 → 2 6
4 5 → 3 5
4 6 → 3 6

g6: Eju?
(n, m) = (6,8), LAnGA, Ordinary

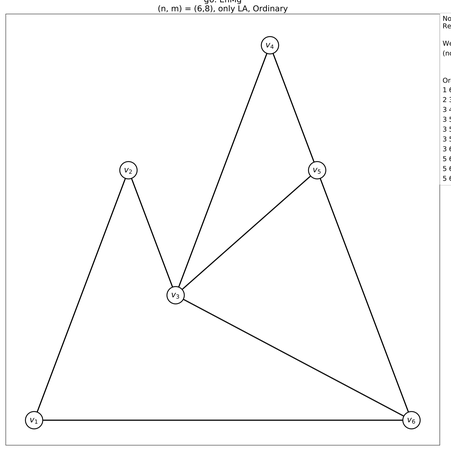


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 4
1 5 → 1 3
1 6 → 3 6
2 3 → 2 6
2 3 → 3 5
2 3 → 5 6
2 4 → 3 5
4 5 → 3 5

g6: EhMg
(n, m) = (6,8), only LA, Ordinary

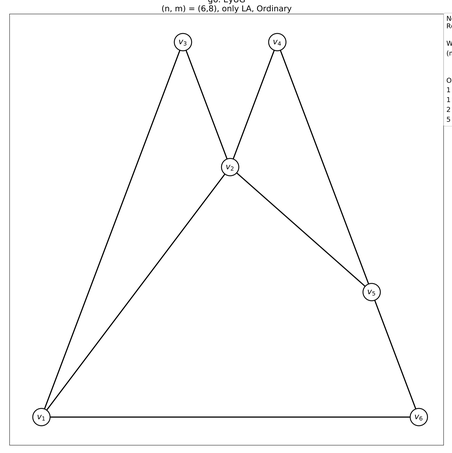


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 4
2 3 → 2 5
3 4 → 4 6
3 5 → 1 3
3 5 → 2 6
3 5 → 4 6
3 6 → 2 5
5 6 → 2 4
5 6 → 2 5
5 6 → 4 6

g6: EyUG
(n, m) = (6,8), only LA, Ordinary

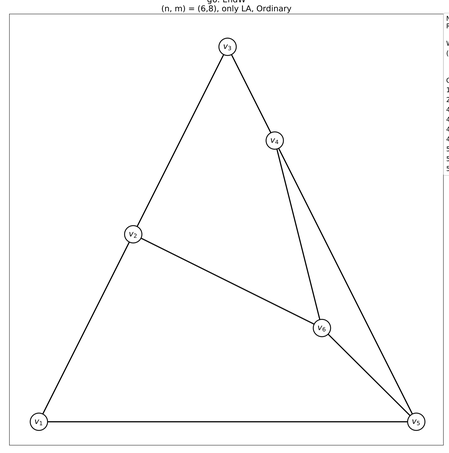


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 5
1 6 → 3 6
2 5 → 1 5
5 6 → 4 6

g6: EhdW
(n, m) = (6,8), only LA, Ordinary

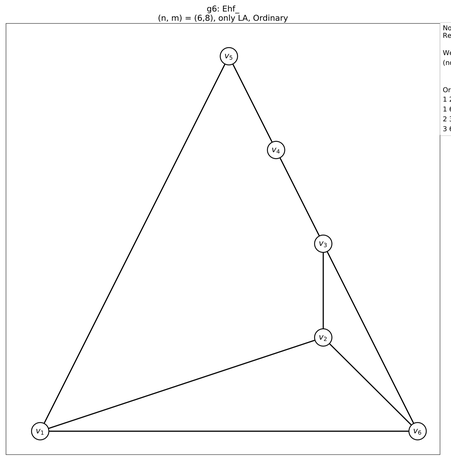


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
2 3 → 1 3
4 5 → 1 3
4 6 → 1 3
4 6 → 1 4
4 6 → 3 6
5 6 → 1 3
5 6 → 1 6
5 6 → 3 5

g6: Ehf_
(n, m) = (6,8), only LA, Ordinary

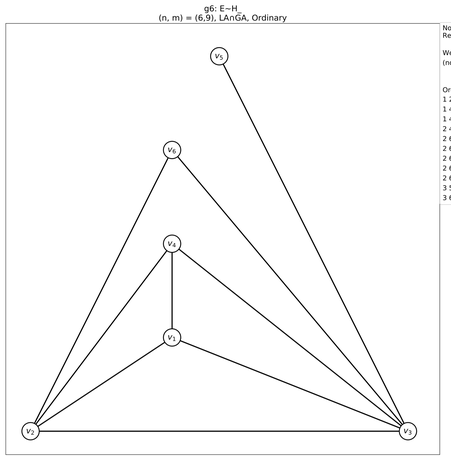


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 4
1 6 → 4 6
2 3 → 2 5
3 6 → 5 6

g6: E~H_
(n, m) = (6,9), LAnGA, Ordinary

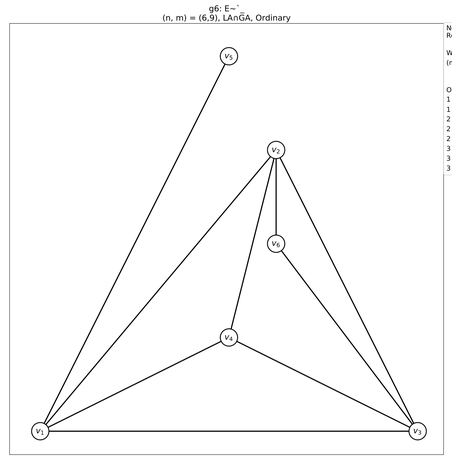


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 4 6
1 4 → 1 6
1 4 → 4 6
2 4 → 1 6
2 6 → 1 5
2 6 → 1 6
2 6 → 2 5
2 6 → 4 5
2 6 → 4 6
3 5 → 2 5
3 6 → 2 5

g6: E~`_
(n, m) = (6,9), LAnGA, Ordinary

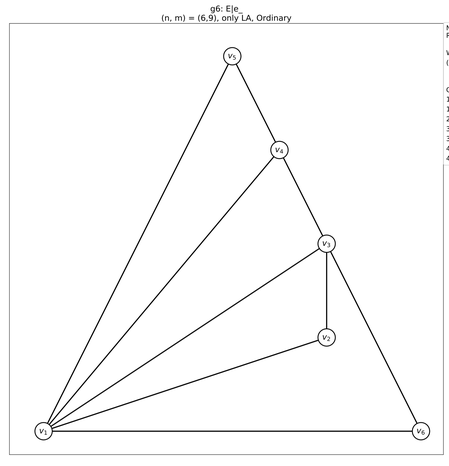


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 6
1 5 → 4 5
2 6 → 2 5
2 6 → 4 5
2 6 → 4 6
3 6 → 3 5
3 6 → 4 5
3 6 → 4 6

g6: E|e_
(n, m) = (6,9), only LA, Ordinary

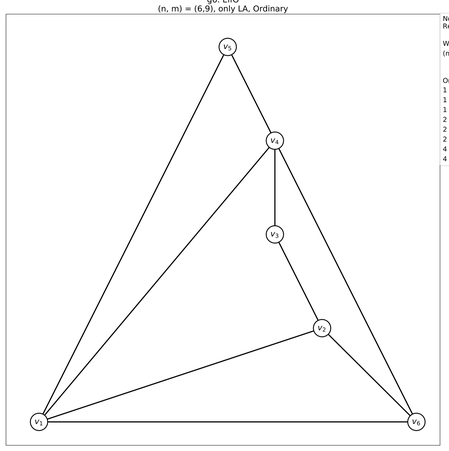


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 3 5
1 5 → 3 5
2 3 → 2 4
3 4 → 3 5
3 6 → 4 6
4 5 → 2 5
4 5 → 5 6

g6: ElfO
(n, m) = (6,9), only LA, Ordinary

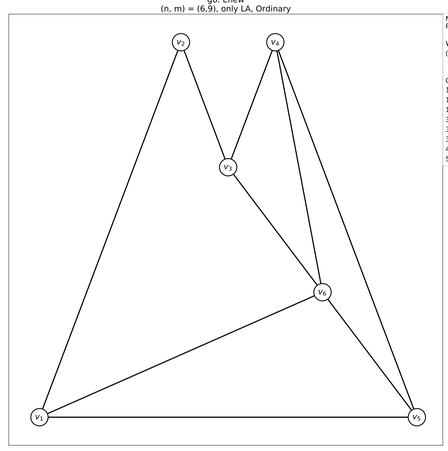


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 2 4
1 5 → 5 6
1 6 → 1 3
2 6 → 2 5
2 6 → 3 5
2 6 → 3 6
4 5 → 2 5
4 6 → 2 5

g6: Ehew
(n, m) = (6,9), only LA, Ordinary

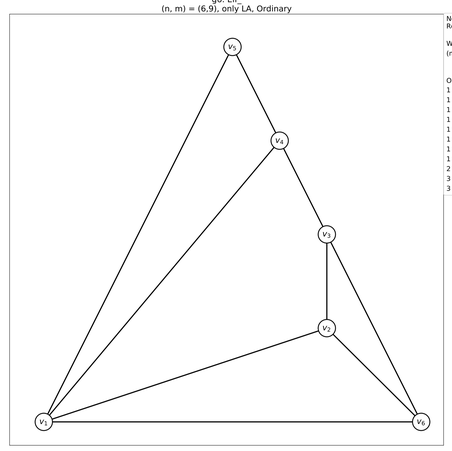


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 4
1 6 → 2 4
1 6 → 2 6
3 6 → 2 5
3 6 → 2 6
3 6 → 3 5
4 6 → 2 6
5 6 → 2 6

g6: Elf_
(n, m) = (6,9), only LA, Ordinary

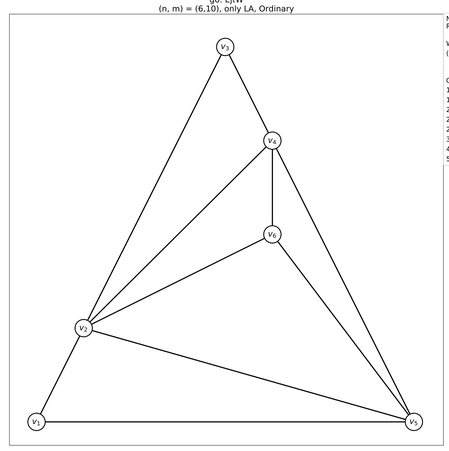


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 4
1 2 → 3 5
1 2 → 5 6
1 4 → 3 5
1 5 → 3 5
1 6 → 2 5
1 6 → 3 5
1 6 → 4 6
2 3 → 3 5
3 4 → 3 5
3 6 → 3 5

g6: EjtW
(n, m) = (6,10), only LA, Ordinary

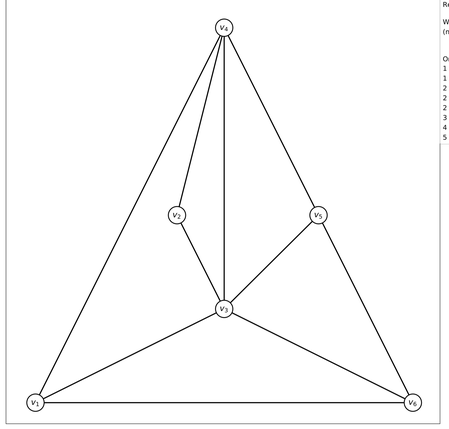


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 4
1 5 → 1 6
2 3 → 3 5
2 6 → 1 4
2 6 → 3 5
3 4 → 3 6
4 6 → 1 4
5 6 → 3 5

g6: E^Mg
(n, m) = (6,10), only LA, Ordinary

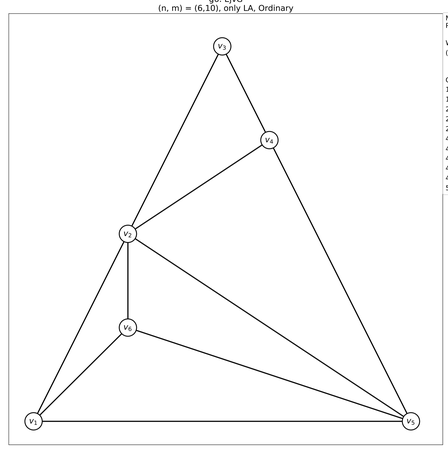


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 2 6
1 6 → 2 6
2 4 → 1 2
2 4 → 2 5
2 4 → 2 6
3 6 → 4 6
4 5 → 2 6
5 6 → 2 6

g6: EjvG
(n, m) = (6,10), only LA, Ordinary

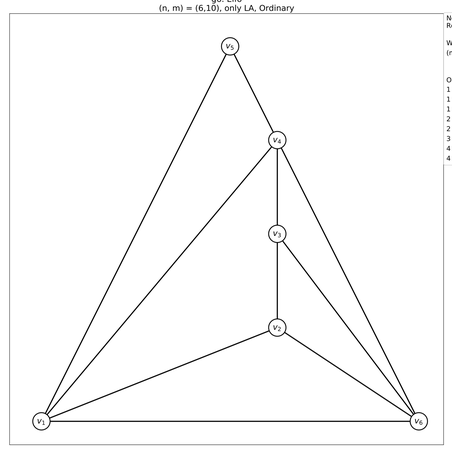


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 3 5
1 5 → 3 5
2 3 → 3 5
2 4 → 3 5
2 6 → 3 5
4 5 → 1 3
4 5 → 1 4
4 5 → 3 5
4 5 → 3 6
4 5 → 4 6
5 6 → 3 5

g6: Elfo
(n, m) = (6,10), only LA, Ordinary

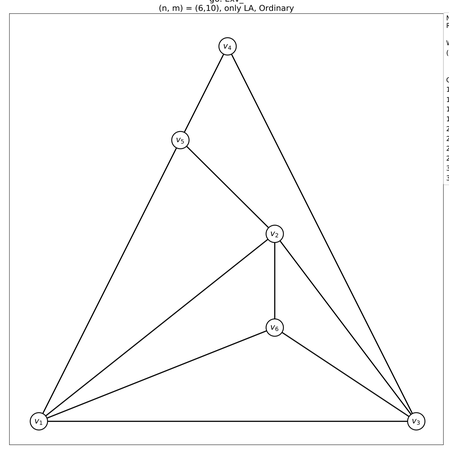


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 3 5
1 5 → 3 5
1 6 → 1 3
2 3 → 2 5
2 3 → 3 5
3 4 → 2 5
4 5 → 2 5
4 6 → 2 4

g6: Exv_
(n, m) = (6,10), only LA, Ordinary

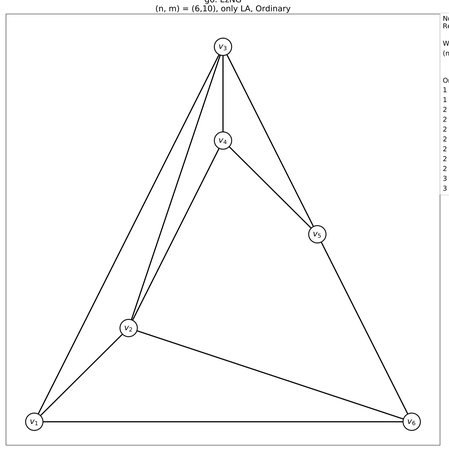


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 5 6
1 5 → 1 4
1 5 → 4 6
1 5 → 5 6
2 3 → 5 6
2 5 → 2 4
2 5 → 4 6
2 5 → 5 6
3 4 → 4 6
3 6 → 5 6

g6: EzNG
(n, m) = (6,10), only LA, Ordinary

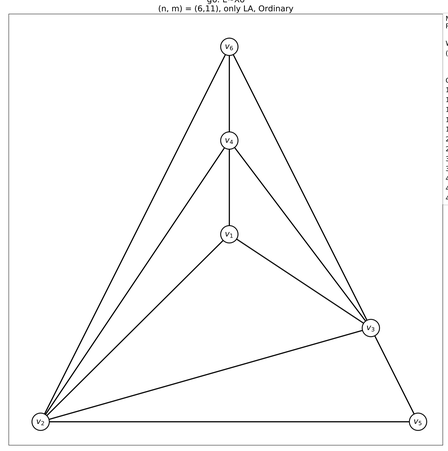


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 5
1 3 → 1 4
2 3 → 1 4
2 3 → 1 5
2 3 → 2 5
2 3 → 3 6
2 3 → 4 6
2 4 → 1 4
2 6 → 4 6
3 4 → 4 6
3 5 → 1 5

g6: E~Xo
(n, m) = (6,11), only LA, Ordinary

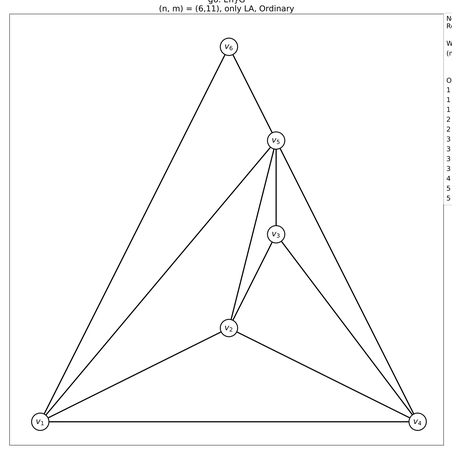


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 4 5
1 3 → 4 5
1 4 → 1 6
1 4 → 4 5
1 4 → 5 6
2 5 → 4 5
2 6 → 4 5
3 5 → 4 5
3 6 → 4 5
4 6 → 1 5
4 6 → 1 6
4 6 → 4 5

g6: En}G
(n, m) = (6,11), only LA, Ordinary

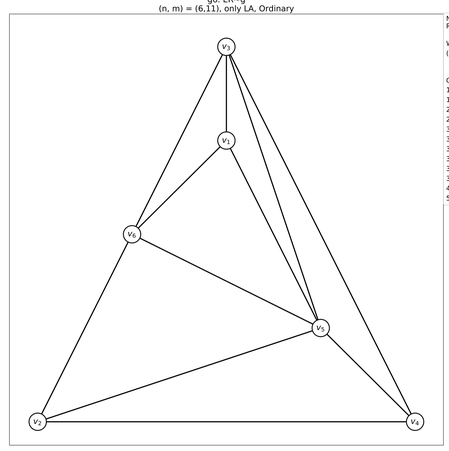


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 4 → 1 3
1 6 → 3 6
2 3 → 2 6
2 5 → 1 3
3 4 → 4 6
3 5 → 1 3
3 5 → 2 6
3 5 → 4 6
4 5 → 1 3
5 6 → 2 6
5 6 → 4 6

g6: ER~g
(n, m) = (6,11), only LA, Ordinary

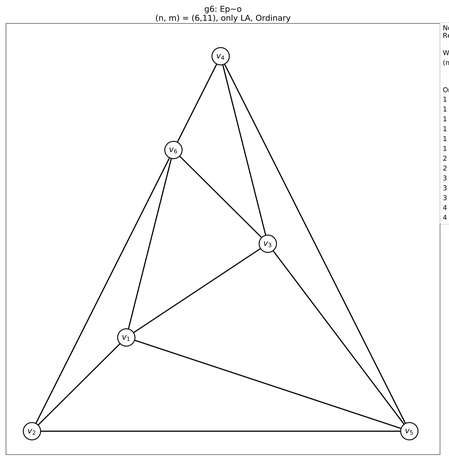


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 2
1 6 → 1 4
2 5 → 2 3
2 6 → 1 2
3 4 → 1 4
3 5 → 4 6
3 6 → 1 2
3 6 → 1 4
3 6 → 2 3
3 6 → 4 6
4 5 → 4 6
5 6 → 2 3

g6: Ep~o
(n, m) = (6,11), only LA, Ordinary

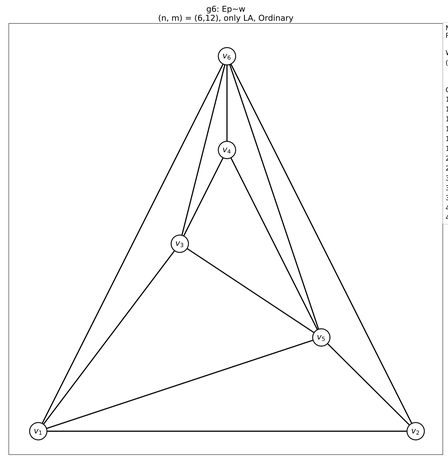


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 4
1 3 → 1 4
1 3 → 2 3
1 3 → 2 4
1 5 → 2 4
1 6 → 2 4
2 5 → 2 4
2 6 → 2 4
3 4 → 2 4
3 5 → 2 4
3 6 → 2 4
4 5 → 2 4
4 6 → 2 4

g6: Ep~w
(n, m) = (6,12), only LA, Ordinary

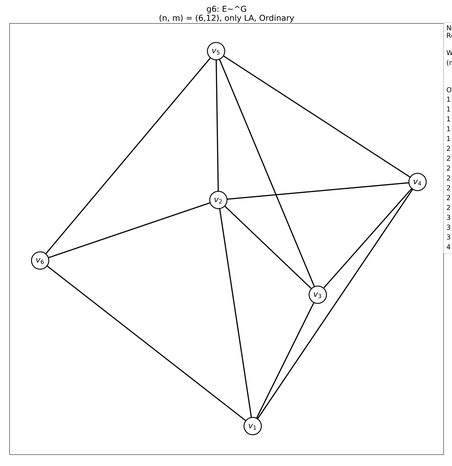


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 4
1 3 → 1 4
1 3 → 2 3
1 3 → 2 4
1 5 → 2 3
1 6 → 2 3
2 5 → 2 3
2 6 → 2 3
3 4 → 2 4
3 5 → 1 4
3 6 → 1 4
4 5 → 1 4
4 6 → 1 4

g6: E~^G
(n, m) = (6,12), only LA, Ordinary

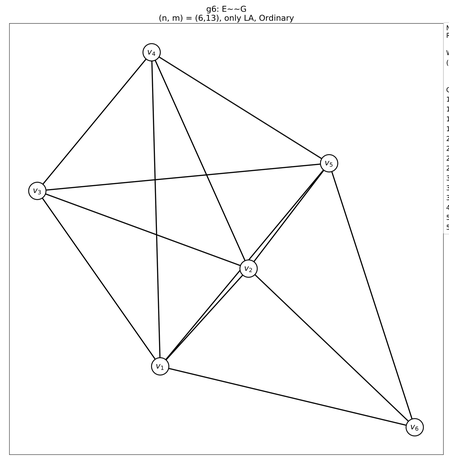


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 5
1 2 → 3 6
1 2 → 4 6
1 3 → 3 6
1 4 → 4 6
2 3 → 4 6
2 4 → 3 6
2 5 → 1 5
2 5 → 3 6
2 5 → 4 6
2 6 → 3 6
2 6 → 4 6
3 4 → 3 6
3 4 → 4 6
3 5 → 3 6
4 5 → 4 6

g6: E~~G
(n, m) = (6,13), only LA, Ordinary

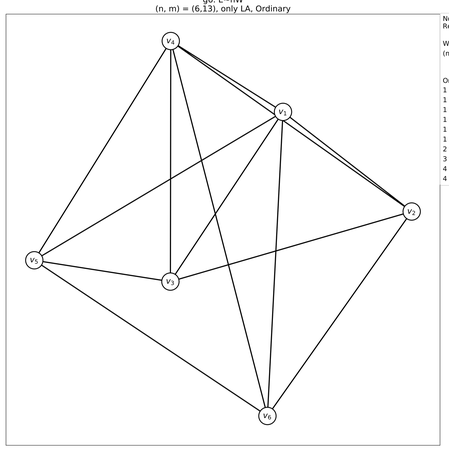


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 4 6
1 4 → 3 6
1 6 → 3 6
1 6 → 4 6
2 3 → 4 6
2 4 → 3 6
2 6 → 3 6
2 6 → 4 6
3 4 → 3 6
3 4 → 4 6
3 5 → 4 6
4 5 → 3 6
5 6 → 3 6
5 6 → 4 6

g6: E~nW
(n, m) = (6,13), only LA, Ordinary

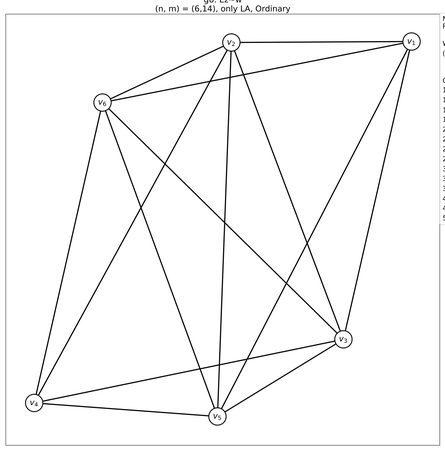


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 5
1 3 → 3 6
1 4 → 2 5
1 4 → 3 6
1 5 → 2 5
1 6 → 3 6
2 4 → 2 5
3 4 → 3 6
4 5 → 2 5
4 6 → 3 6

g6: Ez~w
(n, m) = (6,14), only LA, Ordinary

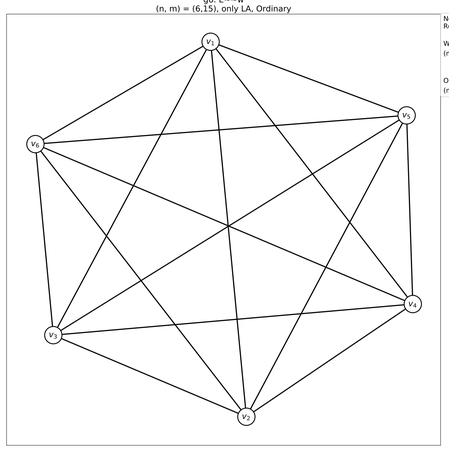


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 4
1 3 → 1 4
1 5 → 1 4
1 6 → 1 4
2 3 → 1 4
2 4 → 1 4
2 5 → 1 4
2 6 → 1 4
3 4 → 1 4
3 5 → 1 4
3 6 → 1 4
4 5 → 1 4
4 6 → 1 4
5 6 → 1 4

g6: E~~w
(n, m) = (6,15), only LA, Ordinary

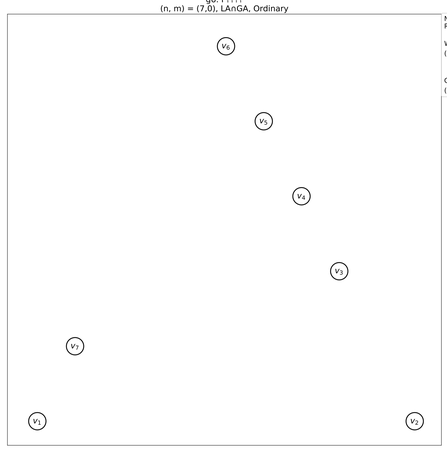


Non-Trivial Replacements

Weird
(none)

Ordinary
(none)

g6: F???
(n, m) = (7,0), LAnGA, Ordinary

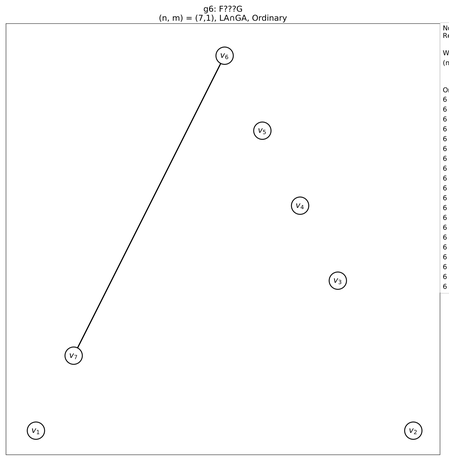


Non-Trivial Replacements

Weird
(none)

Ordinary
(none)

g6: F???G
(n, m) = (7,1), LAnGA, Ordinary

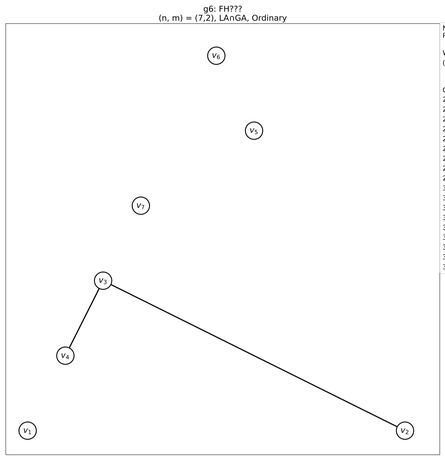


Non-Trivial Replacements

Weird
(none)

Ordinary
6 7 → 1 2
6 7 → 1 3
6 7 → 1 4
6 7 → 1 5
6 7 → 1 6
6 7 → 1 7
6 7 → 2 3
6 7 → 2 4
6 7 → 2 5
6 7 → 2 6
6 7 → 2 7
6 7 → 3 4
6 7 → 3 5
6 7 → 3 6
6 7 → 3 7
6 7 → 4 5
6 7 → 4 6
6 7 → 4 7
6 7 → 5 6
6 7 → 5 7

g6: FH??
(n, m) = (7,2), LAnGA, Ordinary

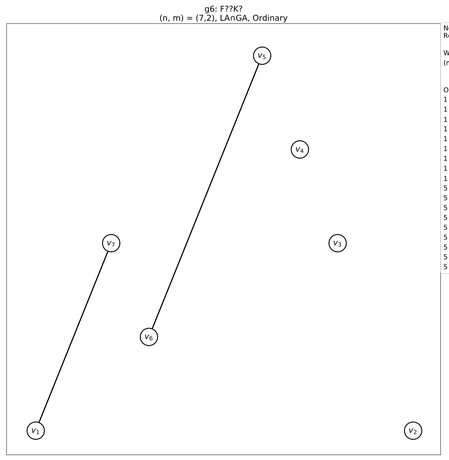


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 1 3
2 3 → 1 4
2 3 → 2 4
2 3 → 3 5
2 3 → 3 6
2 3 → 3 7
2 3 → 4 5
2 3 → 4 6
2 3 → 4 7
3 4 → 1 2
3 4 → 1 3
3 4 → 2 4
3 4 → 2 5
3 4 → 2 6
3 4 → 2 7
3 4 → 3 5
3 4 → 3 6
3 4 → 3 7

g6: F??K?
(n, m) = (7,2), LAnGA, Ordinary

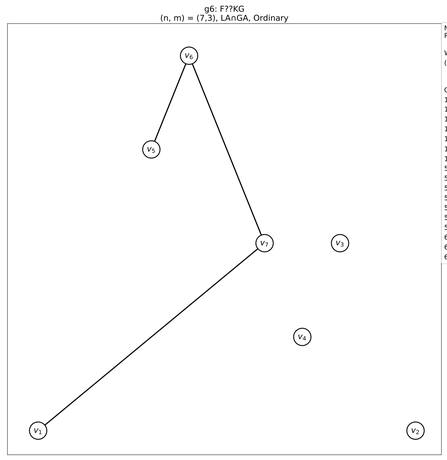


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 1 2
1 7 → 1 3
1 7 → 1 4
1 7 → 2 3
1 7 → 2 4
1 7 → 2 7
1 7 → 3 4
1 7 → 3 7
1 7 → 4 7
5 6 → 2 3
5 6 → 2 4
5 6 → 2 5
5 6 → 2 6
5 6 → 3 4
5 6 → 3 5
5 6 → 3 6
5 6 → 4 5
5 6 → 4 6

g6: F??KG
(n, m) = (7,3), LAnGA, Ordinary

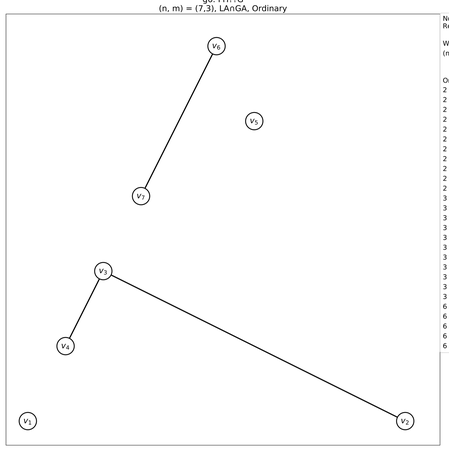


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 1 5
1 7 → 2 5
1 7 → 2 7
1 7 → 3 5
1 7 → 3 7
1 7 → 4 5
1 7 → 4 7
5 6 → 1 2
5 6 → 1 3
5 6 → 1 4
5 6 → 1 5
5 6 → 2 6
5 6 → 3 6
5 6 → 4 6
6 7 → 1 5
6 7 → 1 6
6 7 → 5 7

g6: FH?G
(n, m) = (7,3), LAnGA, Ordinary

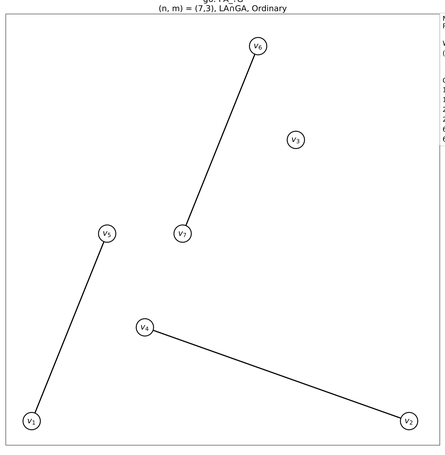


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 1 3
2 3 → 1 4
2 3 → 1 6
2 3 → 1 7
2 3 → 2 4
2 3 → 2 6
2 3 → 2 7
2 3 → 3 5
2 3 → 4 5
2 3 → 5 6
2 3 → 5 7
3 4 → 1 2
3 4 → 1 3
3 4 → 1 6
3 4 → 1 7
3 4 → 2 4
3 4 → 2 5
3 4 → 3 5
3 4 → 4 6
3 4 → 4 7
3 4 → 5 6
3 4 → 5 7
6 7 → 1 5
6 7 → 1 6
6 7 → 1 7
6 7 → 5 6
6 7 → 5 7

g6: FA_?G
(n, m) = (7,3), LAnGA, Ordinary

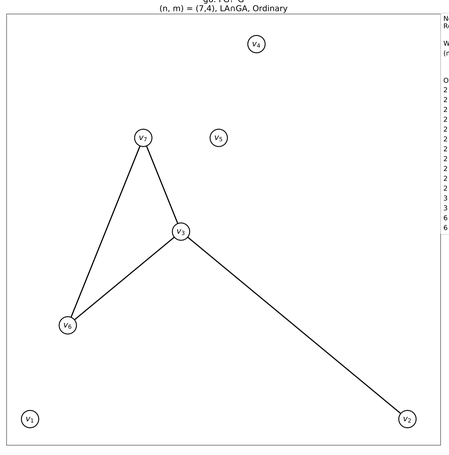


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 3
1 5 → 3 5
2 4 → 2 3
2 4 → 3 4
6 7 → 3 6
6 7 → 3 7

g6: FG?`G
(n, m) = (7,4), LAnGA, Ordinary

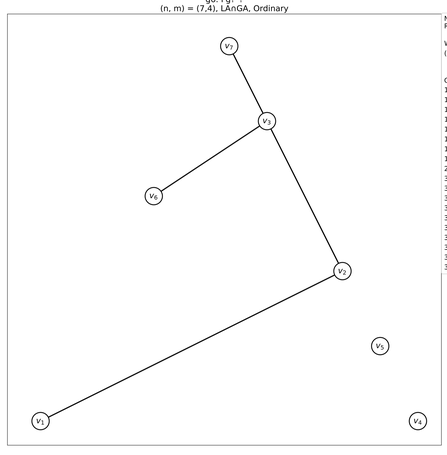


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 1 3
2 3 → 1 6
2 3 → 1 7
2 3 → 2 6
2 3 → 2 7
2 3 → 3 4
2 3 → 3 5
2 3 → 4 6
2 3 → 4 7
2 3 → 5 6
2 3 → 5 7
3 6 → 2 7
3 7 → 2 6
6 7 → 2 6
6 7 → 2 7

g6: Fg?`?
(n, m) = (7,4), LAnGA, Ordinary

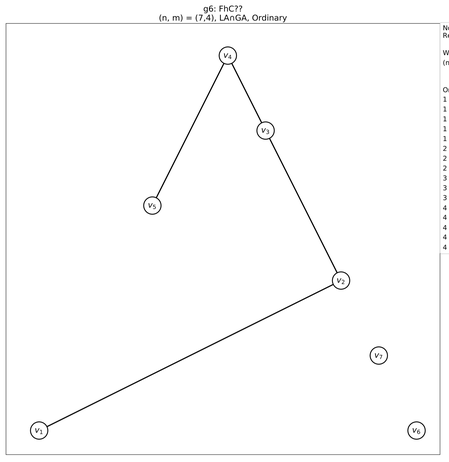


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 6
1 2 → 1 7
1 2 → 2 4
1 2 → 2 5
1 2 → 4 6
1 2 → 4 7
1 2 → 5 6
1 2 → 5 7
2 3 → 1 3
3 6 → 2 4
3 6 → 2 5
3 6 → 2 6
3 6 → 3 4
3 6 → 3 5
3 7 → 2 4
3 7 → 2 5
3 7 → 2 7
3 7 → 3 4
3 7 → 3 5

g6: FhC??
(n, m) = (7,4), LAnGA, Ordinary

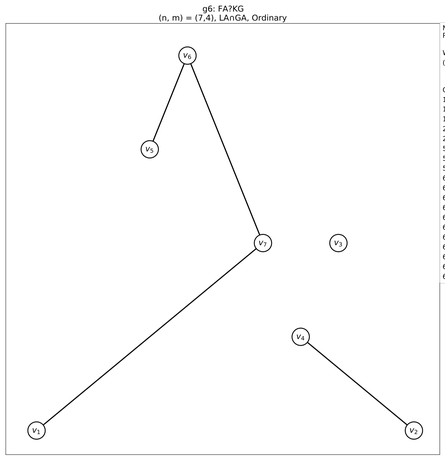


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 5
1 2 → 2 6
1 2 → 2 7
1 2 → 5 6
1 2 → 5 7
2 3 → 1 3
2 3 → 1 5
2 3 → 2 5
3 4 → 1 4
3 4 → 1 5
3 4 → 3 5
4 5 → 1 5
4 5 → 1 6
4 5 → 1 7
4 5 → 4 6
4 5 → 4 7

g6: FA?KG
(n, m) = (7,4), LAnGA, Ordinary

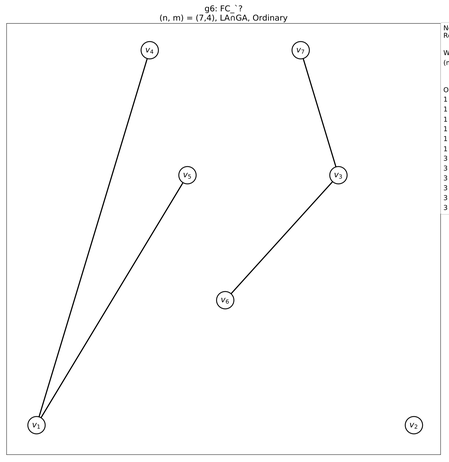


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 1 5
1 7 → 3 5
1 7 → 3 7
2 4 → 2 3
2 4 → 3 4
5 6 → 1 3
5 6 → 1 5
5 6 → 3 6
6 7 → 1 2
6 7 → 1 4
6 7 → 1 5
6 7 → 1 6
6 7 → 2 5
6 7 → 2 6
6 7 → 2 7
6 7 → 4 5
6 7 → 4 6
6 7 → 4 7
6 7 → 5 7

g6: FC_`?
(n, m) = (7,4), LAnGA, Ordinary

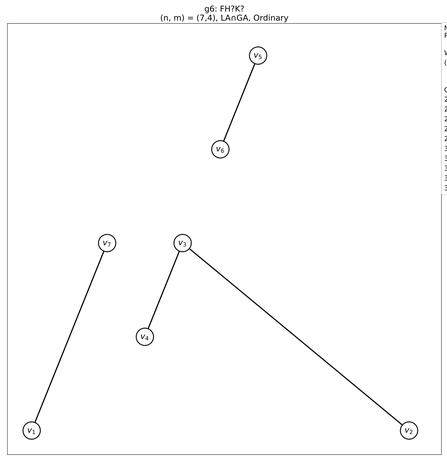


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 2
1 4 → 2 5
1 4 → 4 5
1 5 → 1 2
1 5 → 2 4
1 5 → 4 5
3 6 → 2 3
3 6 → 2 7
3 6 → 6 7
3 7 → 2 3
3 7 → 2 6
3 7 → 6 7

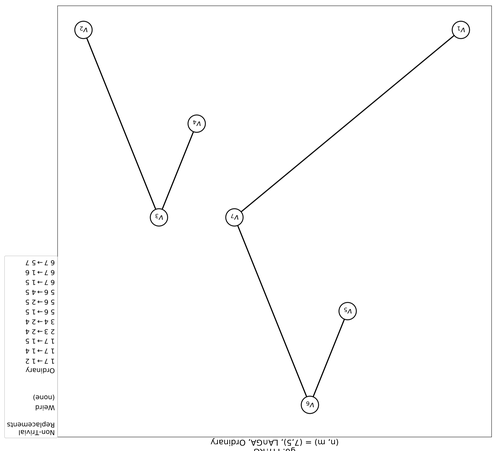
g6: FH?K?
(n, m) = (7,4), LAnGA, Ordinary



Non-Trivial Replacements

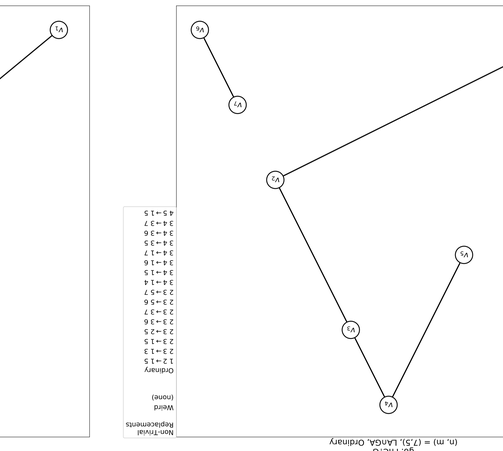
Weird
(none)

Ordinary
2 3 → 1 2
2 3 → 2 4
2 3 → 2 5
2 3 → 2 6
2 3 → 2 7
3 4 → 1 4
3 4 → 2 4
3 4 → 4 5
3 4 → 4 6
3 4 → 4 7



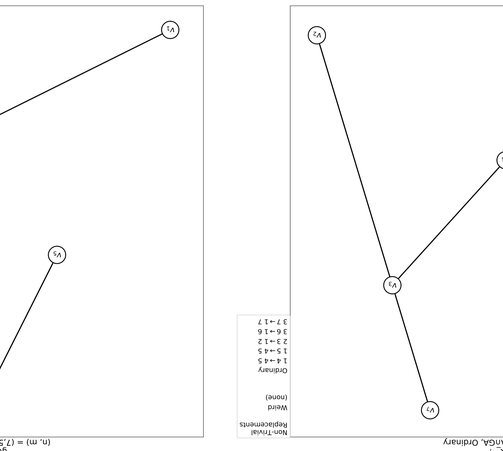
g6: FoqK?
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 2 → 1 3
		1 2 → 1 6
		1 5 → 2 5
		1 4 → 2 4
		1 2 → 1 7
		2 3 → 4 5
		2 3 → 3 5



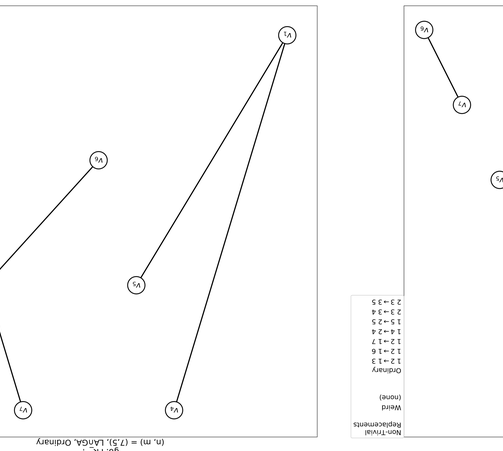
g6: F€.`7
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 4 → 4 5
		1 5 → 4 5
		2 3 → 1 2
		3 6 → 1 6
		2 3 → 1 7
		3 7 → 1 7



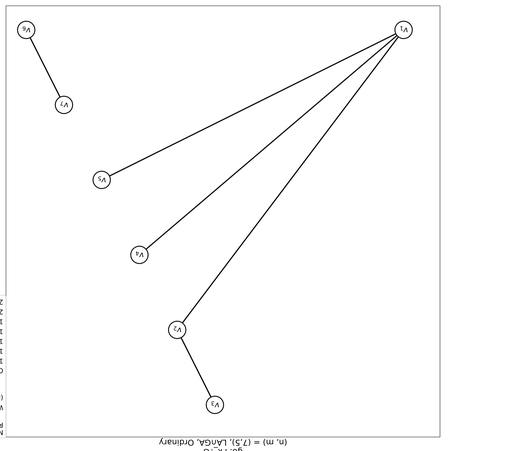
g6: FnC7G
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 2 → 1 5
		2 3 → 1 3
		2 3 → 2 5
		2 3 → 2 6
		2 3 → 3 7
		2 3 → 5 6
		2 3 → 5 7
		3 4 → 1 4
		3 4 → 1 5
		3 4 → 1 6
		3 4 → 1 7
		3 4 → 3 5
		3 4 → 3 6
		3 4 → 3 7
		4 5 → 1 5



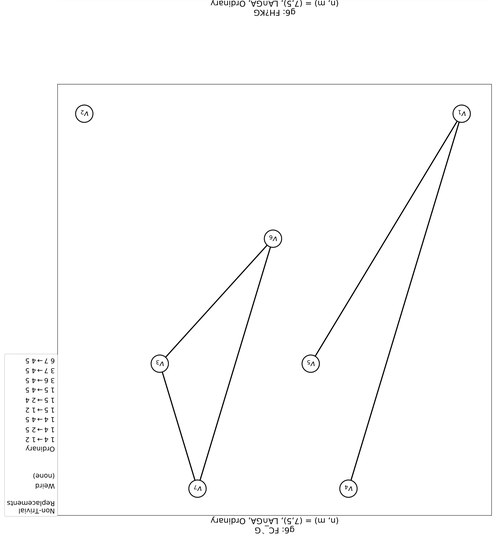
g6: FM77
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 3 → 1 4
		1 5 → 1 3
		2 3 → 1 6
		2 3 → 1 7
		2 3 → 2 6
		2 3 → 2 7
		2 3 → 3 4
		2 3 → 4 6
		2 3 → 4 7
		2 3 → 5 6
		2 3 → 5 7
		2 4 → 1 3
		2 5 → 1 3



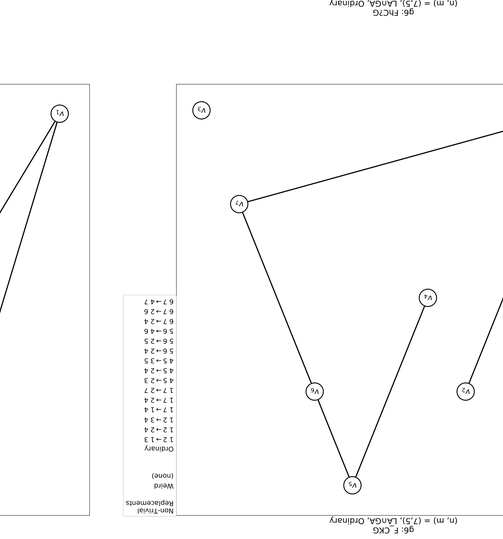
g6: FHXG
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 7 → 1 2
		1 7 → 1 4
		1 7 → 1 5
		2 3 → 2 4
		2 3 → 4 5
		2 4 → 2 5
		2 6 → 1 5
		2 6 → 4 5
		2 7 → 1 4
		3 4 → 1 5
		3 4 → 1 6
		3 4 → 1 7
		3 4 → 2 4
		3 4 → 2 5
		3 4 → 2 6
		3 4 → 2 7
		5 6 → 1 5
		6 7 → 1 5
		6 7 → 1 6
		6 7 → 1 7
		6 7 → 4 5
		6 7 → 4 6
		6 7 → 4 7
		6 7 → 5 7



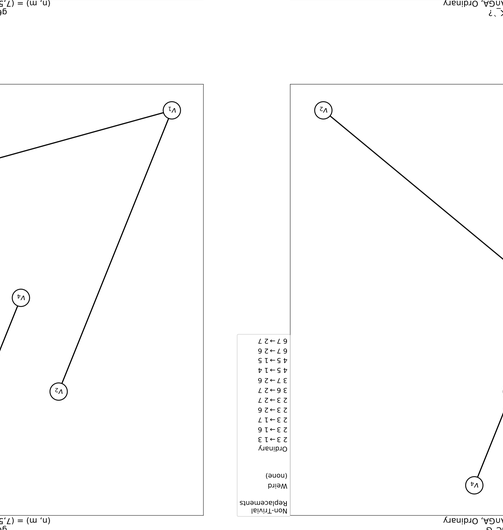
g6: FMA?
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 2 → 2 4
		1 2 → 2 5
		1 2 → 2 6
		1 2 → 3 7
		1 2 → 4 5
		1 2 → 4 6
		1 2 → 4 7
		1 2 → 5 6
		1 2 → 5 7
		1 3 → 4 5
		1 4 → 2 5
		1 4 → 2 6
		1 4 → 2 7
		1 4 → 3 5
		1 4 → 3 6
		1 4 → 3 7
		1 4 → 4 5
		1 4 → 4 6
		1 4 → 4 7
		1 4 → 5 6
		1 4 → 5 7
		2 4 → 1 3
		2 5 → 1 3



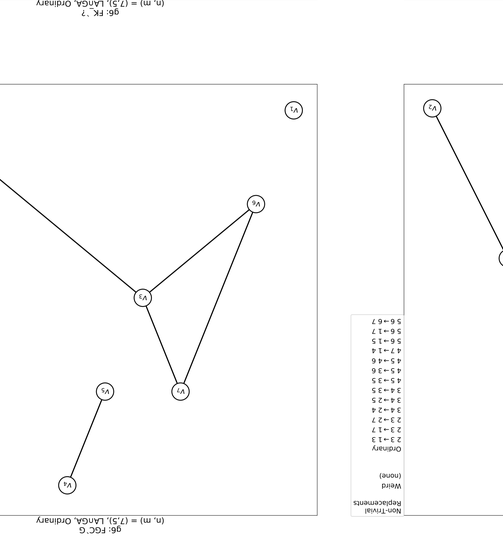
g6: F€.`G
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 2 → 1 3
		1 2 → 1 6
		1 5 → 2 5
		1 4 → 2 4
		1 2 → 1 7
		2 3 → 4 5
		2 3 → 3 5
		2 3 → 3 6
		2 3 → 3 7
		2 3 → 5 6
		2 3 → 5 7
		2 4 → 3 6
		2 4 → 3 7
		2 5 → 4 6
		2 5 → 4 7
		2 6 → 4 7
		3 6 → 4 5
		3 7 → 4 5
		6 7 → 4 5



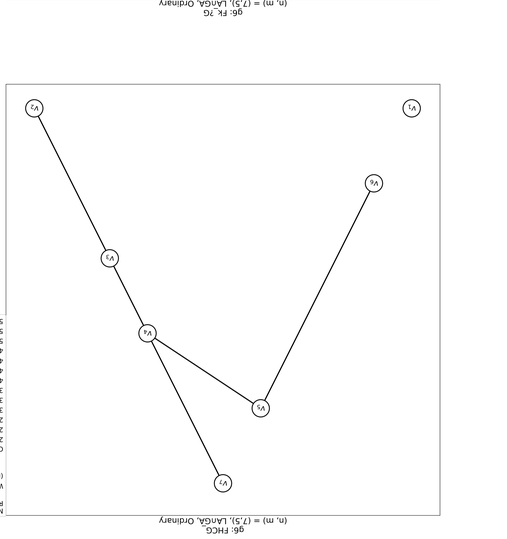
g6: F€C.G
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	2 3 → 1 3
		2 3 → 1 6
		2 3 → 1 7
		2 3 → 2 6
		2 3 → 2 7
		3 6 → 4 5
		3 7 → 4 5
		4 5 → 1 4
		4 5 → 1 5
		4 5 → 2 6
		4 5 → 2 7
		4 5 → 3 6
		4 5 → 3 7
		6 7 → 2 6
		6 7 → 2 7



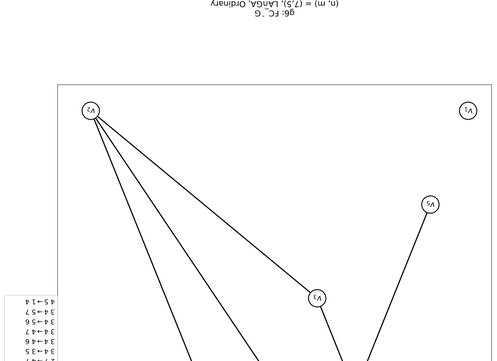
g6: F€.CXG
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 2 → 1 3
		1 2 → 2 4
		1 2 → 3 4
		1 7 → 2 4
		1 7 → 2 7
		4 5 → 2 4
		4 5 → 2 3
		4 5 → 3 5
		5 6 → 2 5
		5 6 → 2 4
		5 6 → 4 6
		6 7 → 2 4
		6 7 → 2 6
		6 7 → 4 7



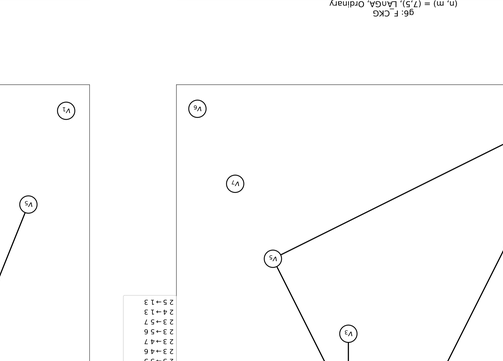
g6: FHC?G
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 2 → 1 3
		1 2 → 1 6
		1 5 → 2 5
		1 2 → 2 4
		1 2 → 1 7
		2 3 → 4 5
		2 3 → 3 5
		2 3 → 3 6
		2 3 → 3 7
		2 3 → 5 6
		2 3 → 5 7
		2 4 → 3 6
		2 4 → 3 7
		2 5 → 4 6
		2 5 → 4 7
		2 6 → 4 7
		3 6 → 4 5
		3 7 → 4 5
		6 7 → 4 5



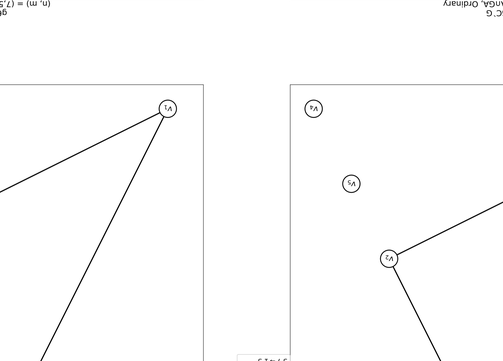
g6: FDA?
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 4 → 1 3
		2 3 → 1 3
		2 3 → 1 6
		2 3 → 1 7
		2 3 → 2 6
		2 3 → 2 7
		2 3 → 3 4
		2 3 → 4 6
		2 3 → 5 6
		2 3 → 4 7
		2 3 → 5 7
		2 4 → 1 3
		2 5 → 1 3



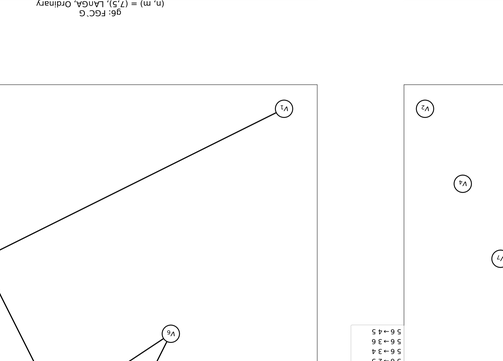
g6: FM77
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 2 → 2 4
		1 2 → 2 5
		2 3 → 1 6
		2 3 → 1 7
		2 3 → 2 7
		3 6 → 1 6
		3 7 → 1 3



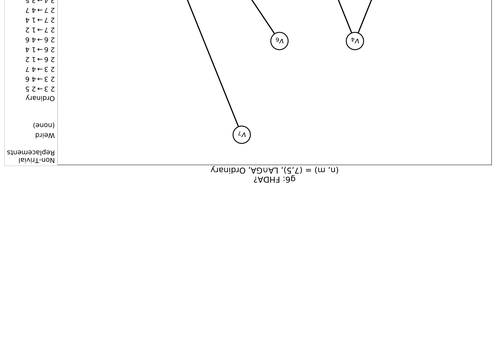
g6: F9`G
(n, m) = (7,5), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 2 → 1 3
		1 2 → 1 6
		1 2 → 3 6
		1 2 → 3 7
		1 2 → 4 5
		1 2 → 4 6
		1 2 → 4 7
		1 2 → 5 6
		1 2 → 5 7
		2 3 → 4 5
		2 4 → 3 6
		2 4 → 3 7
		2 5 → 4 6
		2 5 → 4 7
		2 6 → 4 7
		3 6 → 4 5
		3 7 → 4 5
		6 7 → 4 5



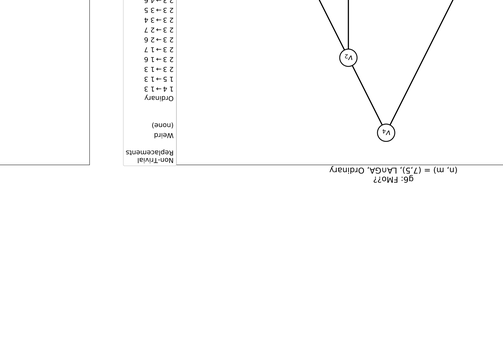
g6: FJO.G
(n, m) = (7,6), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	2 3 → 4 6
		2 4 → 4 6
		2 5 → 1 2
		2 5 → 1 4
		2 5 → 4 5
		3 4 → 5 6
		3 6 → 4 6
		3 6 → 4 7
		6 7 → 1 5
		6 7 → 1 6
		6 7 → 4 5
		6 7 → 5 7



g6: FJO`7
(n, m) = (7,6), LAnGA, Ordinary

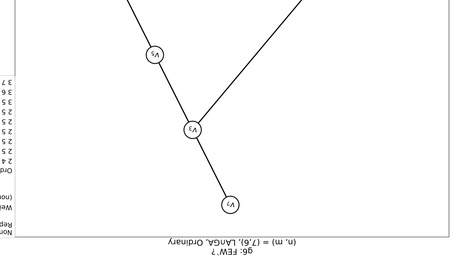
Non-Trivial Replacements	Weird	Ordinary
	(none)	2 4 → 2 6
		2 4 → 2 7
		2 5 → 1 2
		2 5 → 1 4
		3 4 → 2 6
		2 5 → 4 5
		3 4 → 2 7
		3 4 → 3 5
		3 6 → 1 2
		3 6 → 1 3
		3 6 → 2 6
		3 7 → 1 3
		3 7 → 1 2
		3 7 → 2 7



g6: F€.`G
(n, m) = (7,6), LAnGA, Ordinary

Non-Trivial Replacements	Weird	Ordinary
	(none)	1 4 → 1 2
		1 4 → 2 5
		1 4 → 4 5
		1 5 → 1 2
		1 5 → 4 5
		3 6 → 4 5
		3 7 → 4 5
		6 7 → 4 5

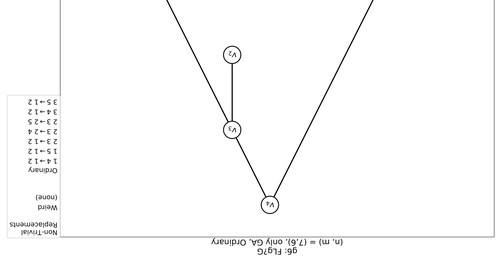
g6: FEW?
(n, m) = (7,6), LAnGA. Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
2 4 → 1 2
2 5 → 1 5
2 5 → 1 6
2 5 → 2 7
3 5 → 1 3
3 6 → 4 6
3 7 → 4 7

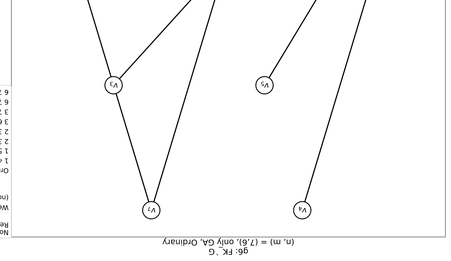
g6: FO'G
(n, m) = (7,6), LAnGA. Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 4 → 1 2
1 5 → 1 2
2 3 → 2 4
2 3 → 1 2
2 3 → 2 7
3 4 → 1 2
3 5 → 1 2

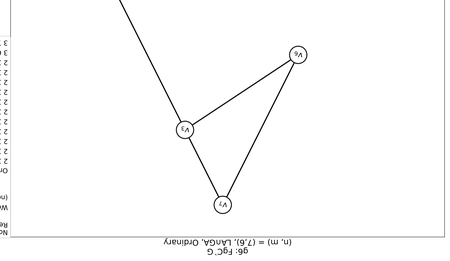
g6: FBO'G
(n, m) = (7,6), LAnGA. Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 4 → 4 5
1 5 → 4 5
2 3 → 1 2
2 3 → 2 6
2 3 → 2 7
3 6 → 2 7
3 7 → 2 6
6 7 → 2 6
6 7 → 2 7

g6: FQGQg
(n, m) = (7,6), LAnGA. Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
2 3 → 3 4
2 5 → 4 5
2 3 → 1 3
2 3 → 1 6
2 3 → 1 7
2 3 → 2 6
2 3 → 3 4
2 3 → 3 5
2 3 → 4 6
2 3 → 4 7
2 3 → 5 6
2 3 → 5 7
3 6 → 1 3
3 7 → 1 3

g6: FBGQ
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 6
1 2 → 1 7
1 2 → 6 7
2 3 → 2 6
2 3 → 3 7
3 4 → 6 7
4 5 → 4 6
4 5 → 5 7
4 5 → 6 7
5 6 → 6 7

g6: FIO'7
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
1 5 → 1 4
1 5 → 1 6
1 5 → 1 7
2 3 → 1 5
2 3 → 2 5
3 6 → 1 5
3 7 → 5 7

g6: Fx.?G
(n, m) = (7,6), only GA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 4
1 2 → 3 5
2 3 → 3 5
3 4 → 2 4

g6: FaOH
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 4
2 4 → 2 3
2 4 → 3 5
2 4 → 4 5
2 5 → 2 6
2 5 → 5 7
3 7 → 3 6
4 7 → 3 7
4 7 → 4 7
4 7 → 1 3
5 6 → 1 6

g6: FaOGg
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 4
1 2 → 1 5
1 2 → 1 6
1 2 → 1 7
1 2 → 2 3
1 2 → 3 4
1 2 → 3 5
1 2 → 3 6
1 2 → 3 7
2 4 → 1 7
2 5 → 1 6
4 7 → 2 7
5 6 → 1 6

g6: FO'7
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
1 5 → 1 4
1 5 → 1 6
1 5 → 1 7
2 3 → 1 5
2 3 → 3 5
3 6 → 5 6
3 7 → 5 7

g6: FBO'G
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
2 3 → 2 6
2 4 → 1 2
2 5 → 1 2
3 4 → 4 6
3 4 → 3 5
3 4 → 4 7
3 4 → 5 6
3 4 → 5 7
3 6 → 4 5
3 7 → 4 5

g6: FaOGg
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
2 3 → 1 3
2 3 → 1 7
2 3 → 2 7
3 4 → 2 7
4 7 → 2 7
4 7 → 4 5
5 6 → 1 4
5 6 → 1 6
5 6 → 4 5
6 7 → 4 5

g6: FbO'7
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 3
1 2 → 2 7
2 3 → 2 5
2 4 → 1 2
2 5 → 1 2
3 4 → 4 7
3 5 → 4 5
3 6 → 4 5
3 7 → 4 5

g6: FbO'G
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
1 4 → 1 2
1 5 → 1 2
2 3 → 1 2
2 3 → 2 7
3 6 → 2 7
6 7 → 2 7

g6: FaOH
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 4
1 2 → 4 6
1 2 → 4 7
2 3 → 2 5
2 3 → 3 6
2 3 → 5 6
2 4 → 4 6
2 4 → 4 7
3 4 → 2 4
4 6 → 5 6
4 6 → 5 7

g6: FbO'7
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

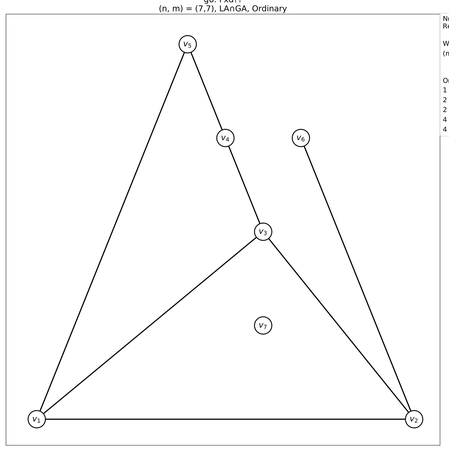
Ordinary
1 2 → 1 3
1 2 → 2 7
1 2 → 3 6
1 2 → 4 6
2 5 → 2 3
3 4 → 1 4
3 4 → 1 5
3 4 → 2 3
3 4 → 2 7
3 4 → 5 7
3 5 → 5 7
4 7 → 4 6
4 7 → 5 6
4 7 → 5 7

g6: FaOGg
(n, m) = (7,6), LAnGA. Ordinary

Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 4
1 2 → 1 5
1 2 → 1 6
1 2 → 1 7
1 2 → 2 3
1 2 → 3 4
1 2 → 3 5
1 2 → 3 6
1 2 → 3 7
2 4 → 1 7
2 5 → 1 6
4 7 → 2 7
5 6 → 1 6

g6: Fxd??
(n, m) = (7,7), LAnGA, Ordinary

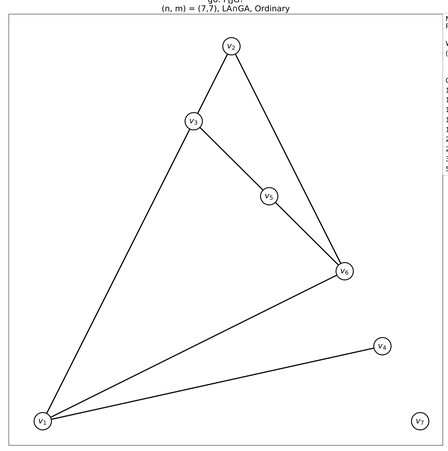


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 4
2 3 → 2 5
2 6 → 2 7
4 5 → 4 6
4 5 → 5 6

g6: FJJG?
(n, m) = (7,7), LAnGA, Ordinary

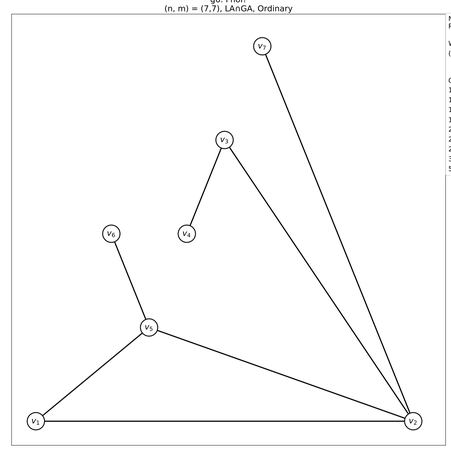


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 7
1 4 → 2 4
1 4 → 2 7
1 4 → 4 5
1 4 → 5 7
2 3 → 4 5
2 6 → 4 5
3 5 → 2 4
5 6 → 2 4

g6: FhoI?
(n, m) = (7,7), LAnGA, Ordinary

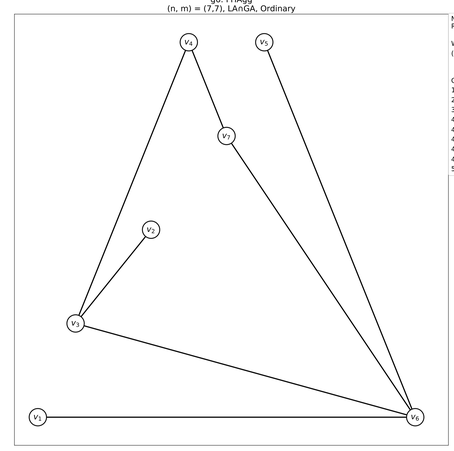


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 6
1 5 → 1 3
1 5 → 3 7
1 5 → 5 7
2 3 → 2 4
2 3 → 3 5
2 3 → 4 5
3 4 → 4 7
5 6 → 1 6

g6: FHAgg
(n, m) = (7,7), LAnGA, Ordinary

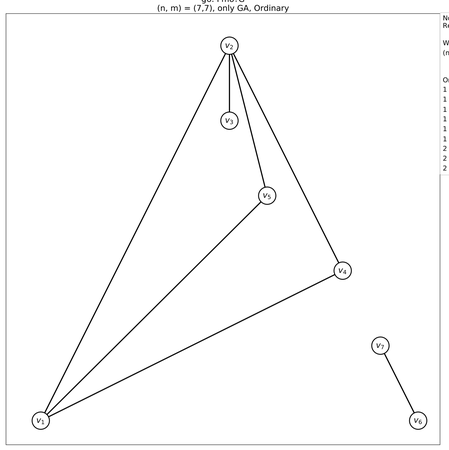


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 3
2 3 → 2 7
3 4 → 2 7
4 7 → 1 2
4 7 → 1 4
4 7 → 2 5
4 7 → 2 7
4 7 → 4 5
5 6 → 3 5

g6: FmoʔG
(n, m) = (7,7), only GA, Ordinary

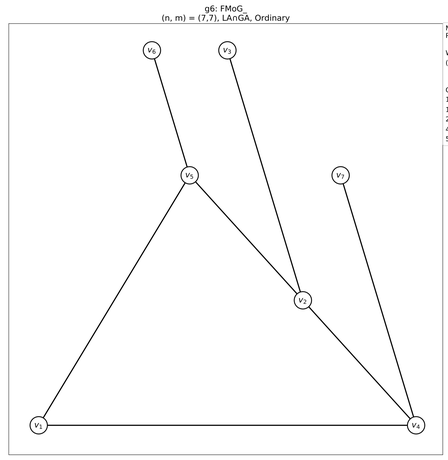


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 3
1 4 → 3 5
1 4 → 4 5
1 5 → 1 3
1 5 → 3 4
1 5 → 4 5
2 3 → 1 3
2 4 → 1 3
2 5 → 1 3

g6: FMoG_
(n, m) = (7,7), LAnGA, Ordinary

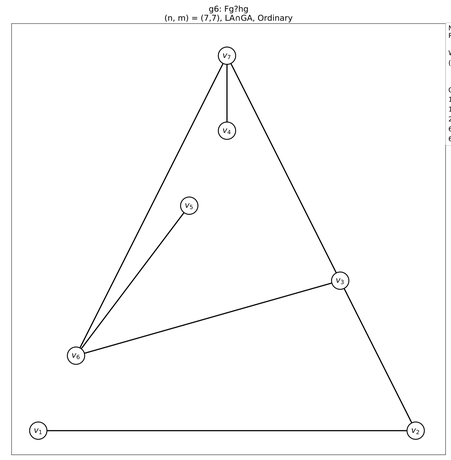


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 4 6
1 5 → 5 7
2 3 → 1 3
4 7 → 1 7
5 6 → 1 6

g6: Fg?hg
(n, m) = (7,7), LAnGA, Ordinary

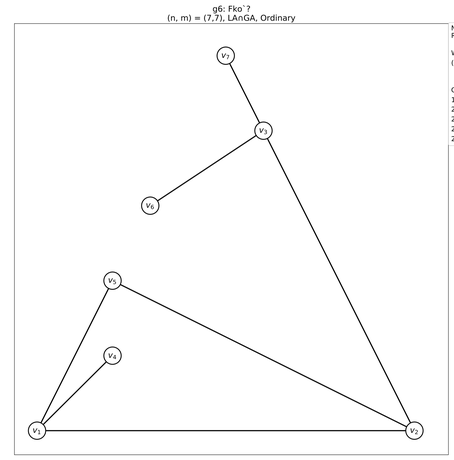


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 4
1 2 → 1 5
2 3 → 1 3
6 7 → 2 6
6 7 → 2 7

g6: Fkoˇ?
(n, m) = (7,7), LAnGA, Ordinary

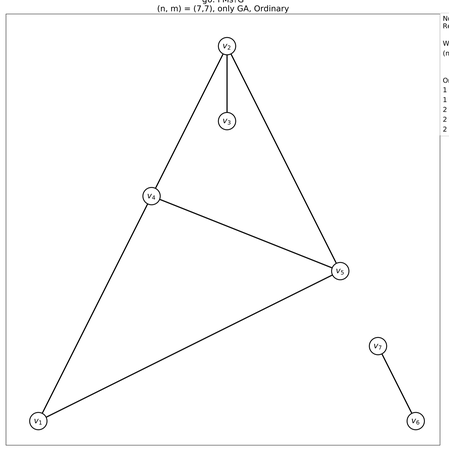


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 4 5
2 3 → 3 5
2 5 → 2 4
2 5 → 2 6
2 5 → 2 7

g6: FMsʔG
(n, m) = (7,7), only GA, Ordinary

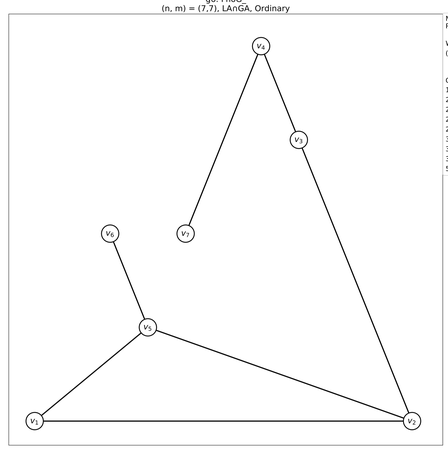


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 3 4
1 5 → 3 5
2 3 → 1 3
2 4 → 1 2
2 5 → 1 2

g6: FhoG_
(n, m) = (7,7), LAnGA, Ordinary

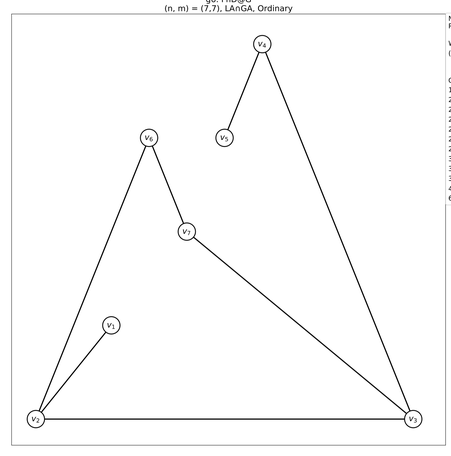


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 6
2 3 → 1 3
2 3 → 1 7
2 3 → 2 7
2 5 → 2 4
3 4 → 3 7
3 4 → 4 6
3 4 → 6 7
5 6 → 1 6

g6: FhD@G
(n, m) = (7,7), LAnGA, Ordinary

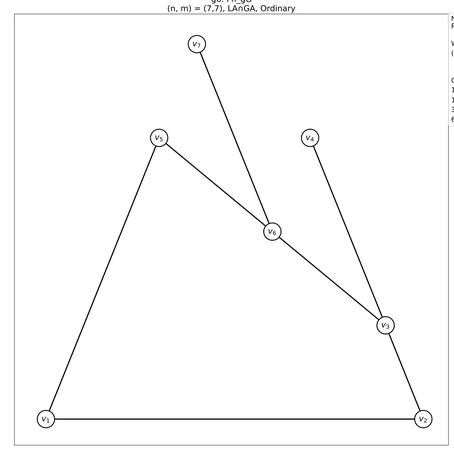


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 7
2 3 → 4 6
2 6 → 1 4
2 6 → 1 7
2 6 → 2 5
2 6 → 4 6
2 6 → 5 7
3 4 → 3 5
3 4 → 4 6
3 4 → 5 6
4 5 → 1 5
6 7 → 1 7

g6: Fh_gG
(n, m) = (7,7), LAnGA, Ordinary

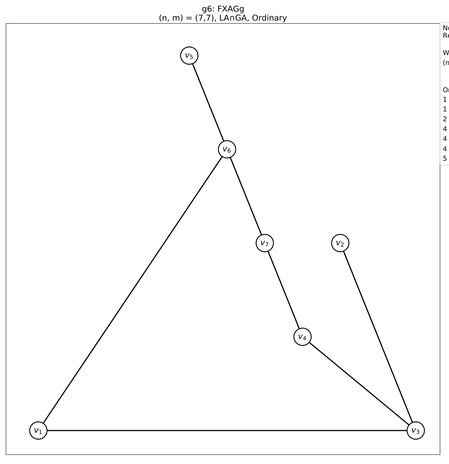


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 4
1 5 → 1 7
3 4 → 4 5
6 7 → 2 7

g6: FXAGg
(n, m) = (7,7), LAnGA, Ordinary

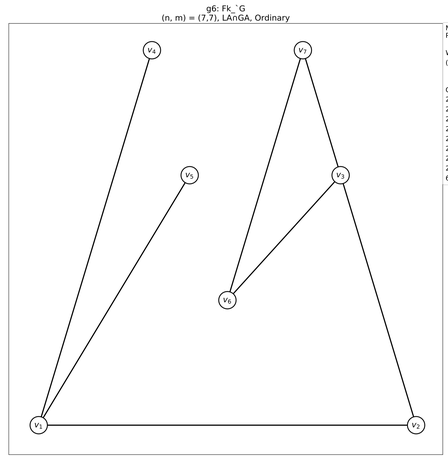


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 3 5
1 6 → 2 6
2 3 → 2 4
4 7 → 2 5
4 7 → 2 7
4 7 → 4 5
5 6 → 5 7

g6: Fk_`G
(n, m) = (7,7), LAnGA, Ordinary

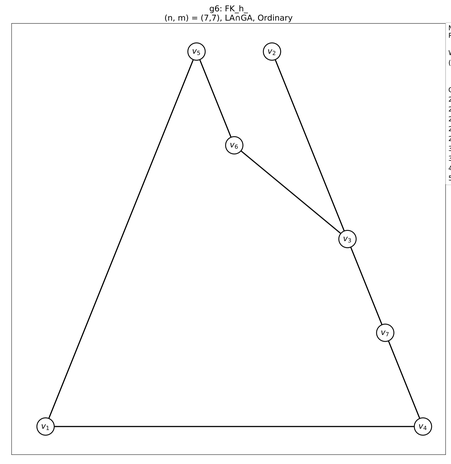


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 2 6
2 3 → 2 7
2 3 → 3 4
2 3 → 3 5
2 3 → 4 6
2 3 → 4 7
2 3 → 5 6
2 3 → 5 7
6 7 → 4 5

g6: FK_h_
(n, m) = (7,7), LAnGA, Ordinary

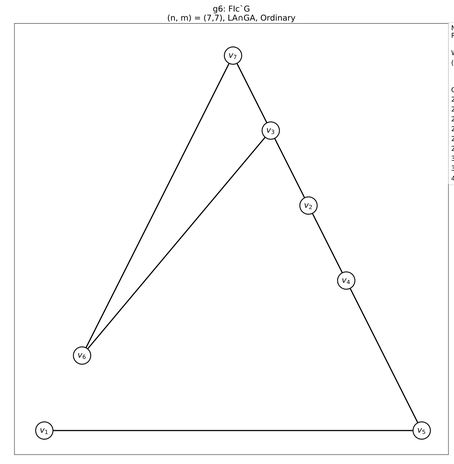


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 1 2
2 3 → 2 4
2 3 → 2 5
2 3 → 2 6
2 3 → 2 7
3 6 → 2 5
3 7 → 2 4
4 7 → 2 4
5 6 → 2 5

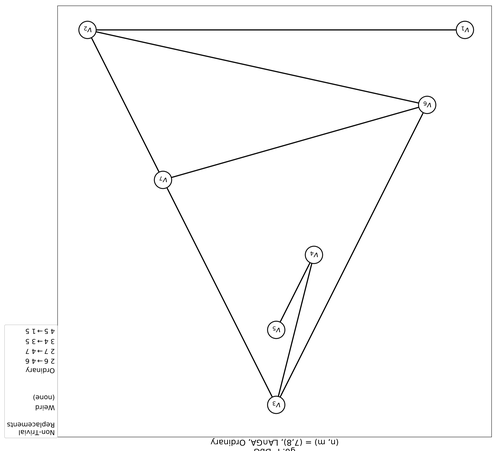
g6: Flcˇ G
(n, m) = (7,7), LAnGA, Ordinary



Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 1 3
2 3 → 1 6
2 3 → 1 7
2 3 → 2 6
2 3 → 2 7
2 4 → 1 2
3 6 → 1 4
3 7 → 1 4
4 5 → 1 4

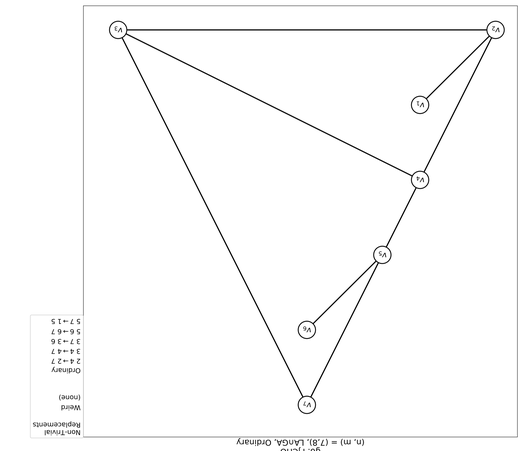


g6: Fewa?
(n, m) = (7,8), only GA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 4 → 1 7
1 5 → 4 5
2 7 → 1 7
2 4 → 1 7
3 5 → 4 6
3 5 → 4 5
3 5 → 5 6

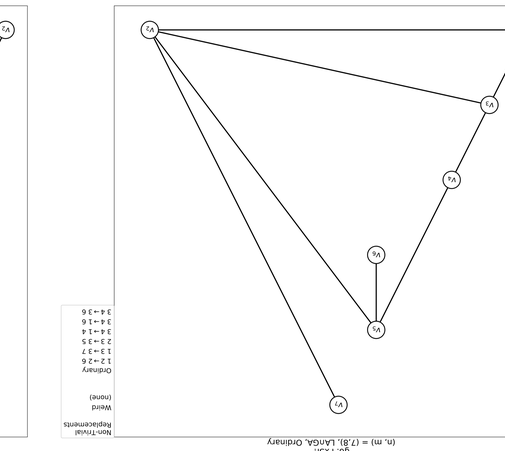


g6: FMo@G
(n, m) = (7,7), LAnGA, ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
2 3 → 1 3
2 3 → 2 6
2 3 → 3 4
2 3 → 4 6
2 3 → 5 6
2 5 → 2 6
2 4 → 2 6
3 7 → 3 6

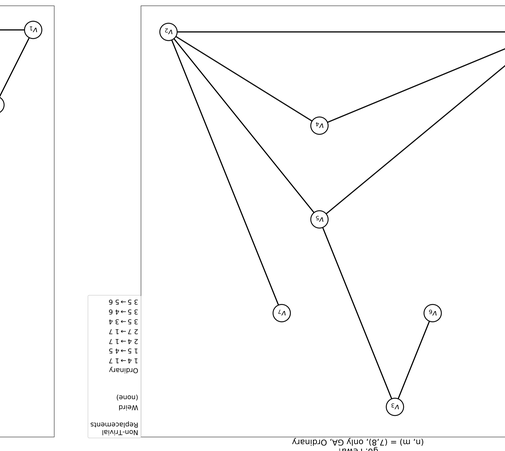


g6: FxSI?
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 2 → 2 6
1 3 → 3 7
2 3 → 3 5
3 4 → 1 4
3 4 → 1 6
3 4 → 3 6



g6: Fq?g
(n, m) = (7,7), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

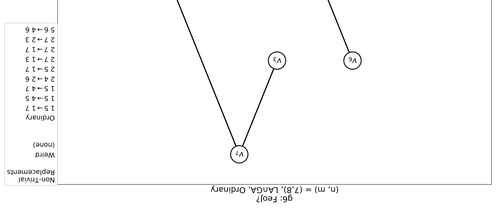
Ordinary
1 3 → 2 7
1 5 → 1 2
1 5 → 2 4
1 5 → 3 5
1 5 → 4 5
1 5 → 5 6
1 6 → 2 4
4 7 → 2 7
4 7 → 2 4

g6: FoQG
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 2 → 2 4
1 5 → 5 7
2 3 → 1 3
5 6 → 1 6

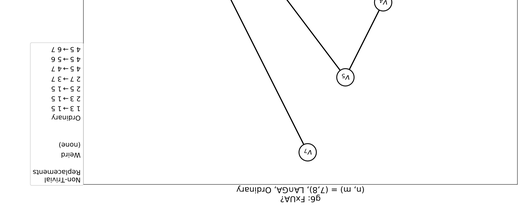


g6: FK{@G
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 5 → 3 6
3 7 → 1 6
3 7 → 1 7
3 7 → 2 6
3 7 → 2 7
3 7 → 3 6
3 7 → 4 6
3 7 → 4 7
4 5 → 3 6

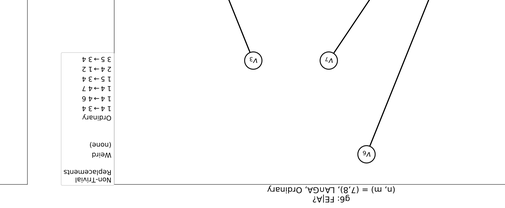


g6: FxSAG
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 3 → 1 5
2 3 → 2 4
2 5 → 3 6
2 7 → 2 6
2 7 → 3 7
2 7 → 3 6
3 4 → 1 4
3 4 → 1 6
3 4 → 3 6

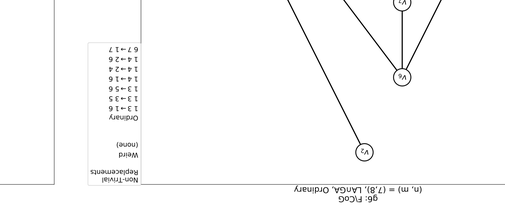


g6: FXY?
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 2 → 3 7
1 3 → 1 5
1 3 → 3 7
1 3 → 5 7
2 3 → 2 6
2 3 → 4 6
3 4 → 1 4
3 4 → 2 6
5 6 → 6 7



g6: FoIG
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 3 → 1 6
1 3 → 3 5
1 3 → 4 5
1 4 → 2 4
1 4 → 2 6
2 4 → 1 2
6 7 → 1 7

g6: F?AKG
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 3 → 1 5
1 3 → 3 7
1 4 → 3 7
1 3 → 5 7
1 6 → 4 6
4 7 → 3 7
5 6 → 2 3
5 6 → 3 5
5 6 → 4 6
6 7 → 3 6

g6: F`DBG
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
2 6 → 4 6
2 7 → 4 7
3 4 → 3 5
4 5 → 1 5

g6: FiCHO
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
2 4 → 2 7
3 4 → 4 7
3 7 → 3 6
5 6 → 6 7
5 7 → 1 5

g6: FxC`G
(n, m) = (7,7), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 3 → 2 7
1 5 → 2 3
2 3 → 2 4
2 3 → 2 5
2 3 → 2 6
2 3 → 2 7
3 6 → 2 7
3 7 → 2 6
6 7 → 2 6
6 7 → 2 7

g6: FEiA?
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 4 → 3 6
1 4 → 4 6
1 4 → 4 7
1 5 → 3 4
2 4 → 1 2
3 5 → 3 4
3 5 → 4 7
4 5 → 6 7

g6: FxUA?
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 3 → 1 5
2 3 → 1 5
2 7 → 3 7
4 5 → 5 6
4 5 → 6 7

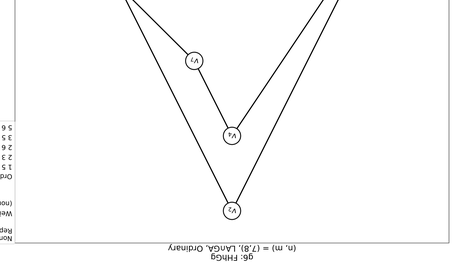
g6: Feol?
(n, m) = (7,8), LAnGA, Ordinary

Non-Trivial
Replacements

Weird
(none)

Ordinary
1 5 → 1 7
1 5 → 4 5
1 5 → 4 7
2 4 → 2 6
2 5 → 1 7
2 7 → 1 3
2 7 → 1 7
2 7 → 4 6
5 6 → 4 6

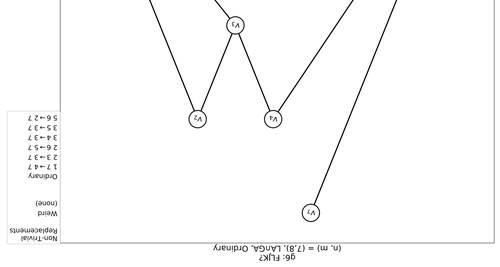
g6: FHhG
(n, m) = (7,8), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 5 → 1 2
2 3 → 1 7
2 6 → 1 4
3 5 → 4 5
5 6 → 5 7

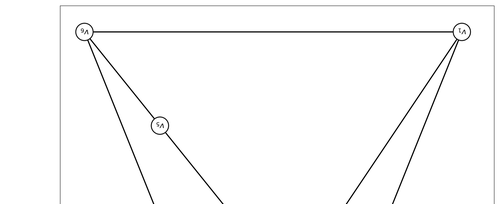
g6: FLK?
(n, m) = (7,8), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 7 → 4 7
2 3 → 2 7
2 6 → 5 7
3 4 → 3 7
3 5 → 1 7
5 6 → 2 7

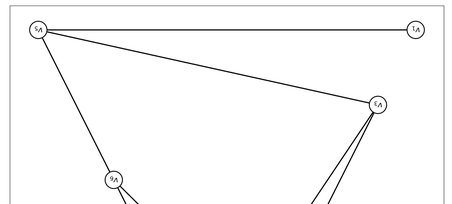
g6: FHDO
(n, m) = (7,8), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 7 → 4 7
2 3 → 2 7
2 6 → 1 5
2 7 → 1 4
3 4 → 1 4
5 6 → 1 4
5 6 → 4 6
5 6 → 1 5
5 7 → 1 4
5 7 → 1 5
5 7 → 4 7

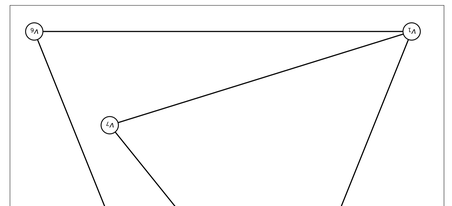
g6: FHnGg
(n, m) = (7,8), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 5 → 1 2
2 3 → 1 7
2 6 → 1 4
3 5 → 4 5
5 6 → 5 7

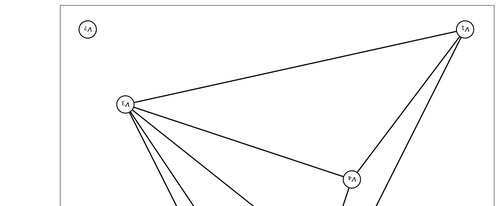
g6: FEK
(n, m) = (7,8), only LA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 2 6
1 6 → 2 6
3 4 → 3 5
4 5 → 3 5

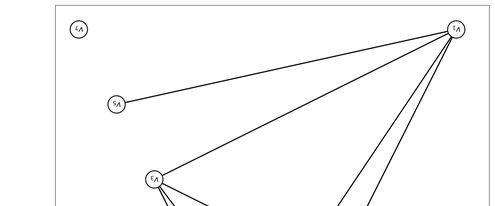
g6: F~H ?
(n, m) = (7,9), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 4 6
1 4 → 1 6
1 4 → 4 6
2 4 → 1 6
2 6 → 1 5
2 6 → 4 5
2 6 → 2 5
3 5 → 2 7
3 5 → 3 7
3 6 → 2 5

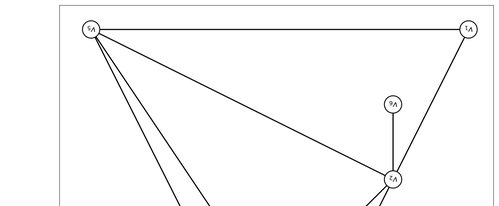
g6: F~. ?
(n, m) = (7,9), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 4 → 1 6
1 5 → 1 7
1 5 → 4 5
2 6 → 2 5
2 6 → 4 5
2 6 → 4 6
3 6 → 2 5
3 6 → 4 5
3 6 → 4 6

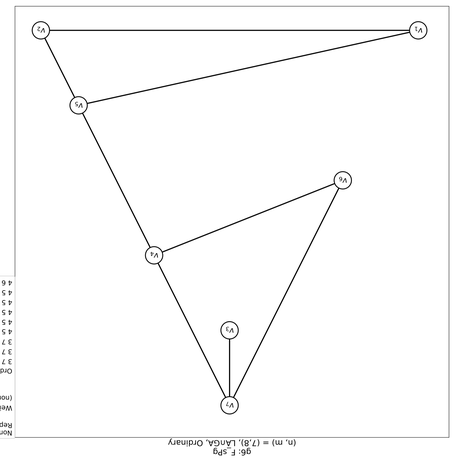
g6: FjTO
(n, m) = (7,9), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 2 7
1 5 → 5 6
2 3 → 3 5
2 4 → 1 5
2 4 → 4 6
3 4 → 1 6
3 4 → 1 3
3 4 → 4 6
4 5 → 3 5
5 7 → 4 7

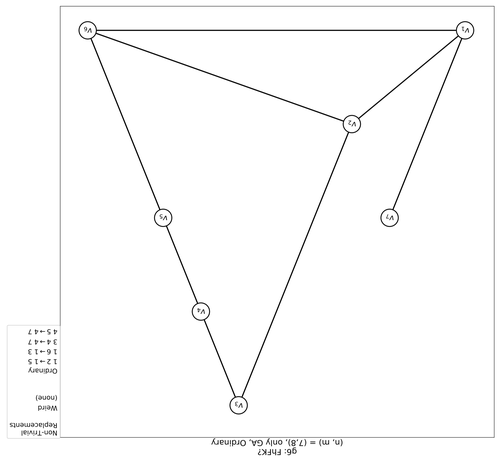
g6: F^90
(n, m) = (7,8), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
3 7 → 1 3
3 7 → 2 3
3 7 → 3 6
4 5 → 1 4
4 5 → 1 6
4 5 → 2 4
4 5 → 2 6
4 5 → 5 6
4 6 → 3 4

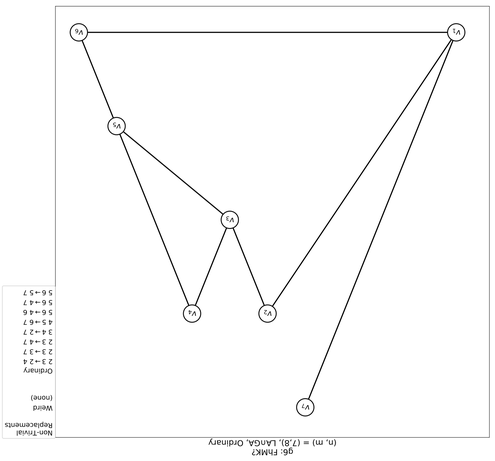
g6: FrK?
(n, m) = (7,8), only GA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 5
1 6 → 1 3
3 4 → 4 7
4 5 → 4 7

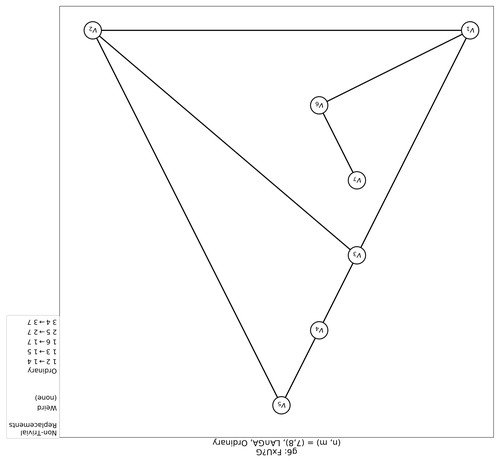
g6: FhMK?
(n, m) = (7,8), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
2 3 → 2 4
2 3 → 3 7
2 3 → 4 7
3 4 → 2 7
4 5 → 4 7
5 6 → 4 6
5 6 → 4 7
5 6 → 5 7

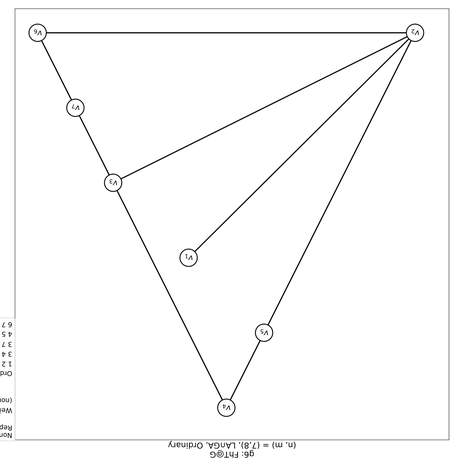
g6: FxUTG
(n, m) = (7,8), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 4
1 3 → 1 5
1 6 → 1 7
2 5 → 2 7
3 4 → 3 7

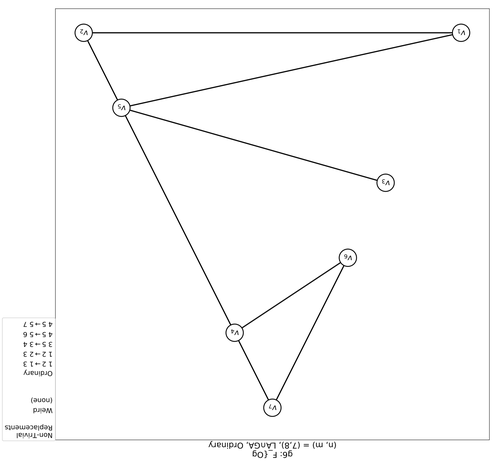
g6: FxOWO
(n, m) = (7,8), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 2 7
1 3 → 6 7
2 3 → 1 5
2 3 → 3 6
3 4 → 1 4
3 5 → 1 5
4 6 → 4 7
5 6 → 4 7
5 7 → 4 7

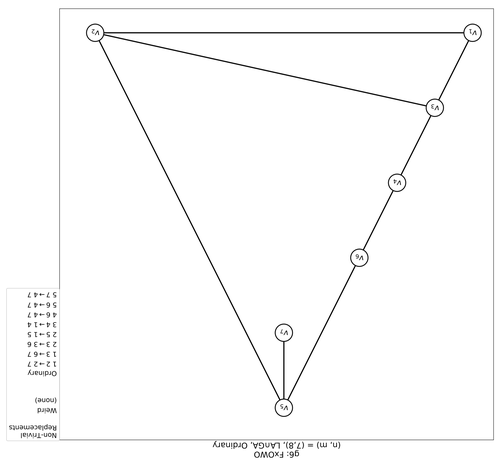
g6: F_tOg
(n, m) = (7,8), LAnGA, Ordinary



Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 1 3
1 2 → 2 3
3 4 → 5 6
3 5 → 3 4
4 5 → 5 6
4 5 → 5 7

g6: FxOWO
(n, m) = (7,8), LAnGA, Ordinary



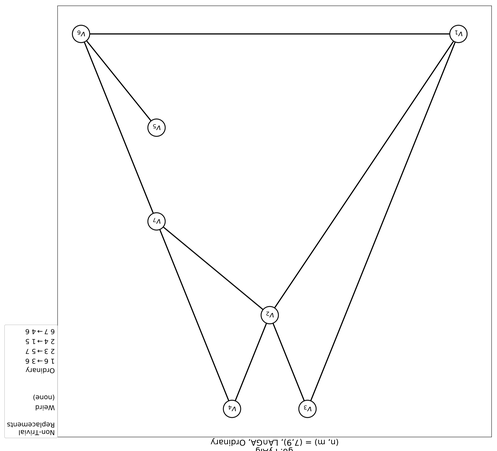
Non-Trivial
Replacements
Weird
(none)

Ordinary
1 2 → 2 7
1 3 → 6 7
2 3 → 1 5
2 3 → 3 6
3 4 → 1 4
3 5 → 1 5
4 6 → 4 7
5 6 → 4 7
5 7 → 4 7

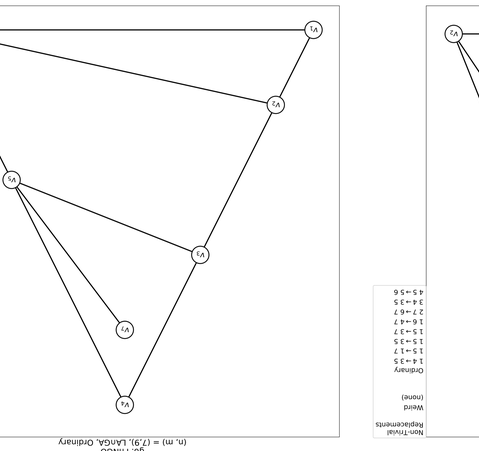
g6: FhEJ?
(n, m) = (7,8), only LA, Ordinary

Non-Trivial
Replacements
Weird
(none)

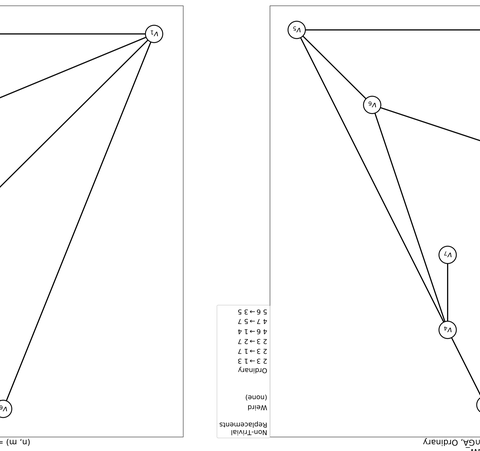
Ordinary
1 2 → 1 7
2 3 → 1 5
2 3 → 3 6
2 3 → 4 6
2 3 → 4 7
2 4 → 4 7
2 7 → 4 7
3 7 → 1 7


g6: FnUW
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
2 3 → 1 3
2 3 → 1 7
2 3 → 2 7
4 6 → 1 4
4 7 → 5 7
5 6 → 3 5

g6: FnUG
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
1 2 → 2 7
1 3 → 2 7
1 6 → 2 7
2 3 → 1 4
2 5 → 1 4
3 4 → 1 4
4 5 → 1 4
6 7 → 2 7
6 7 → 3 7
6 7 → 5 7


g6: FnaG
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 3 → 1 7
1 5 → 3 5
1 5 → 3 7
1 6 → 4 7
2 7 → 6 7
4 5 → 5 6

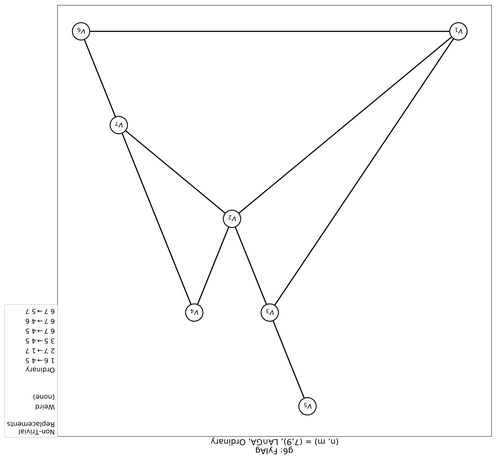
g6: FnaO
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 5
2 3 → 1 5
2 5 → 1 5
4 5 → 2 4
4 6 → 2 6
6 7 → 4 7

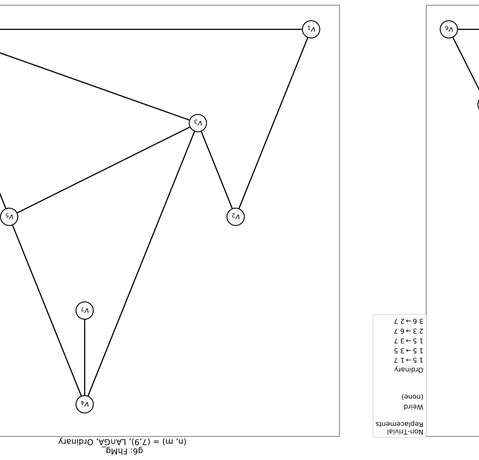

g6: FnaW
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
1 2 → 2 7
1 3 → 2 7
1 6 → 2 7
2 3 → 1 4
2 5 → 1 4
3 4 → 1 4
4 5 → 1 4
6 7 → 2 7
6 7 → 3 7
6 7 → 5 7

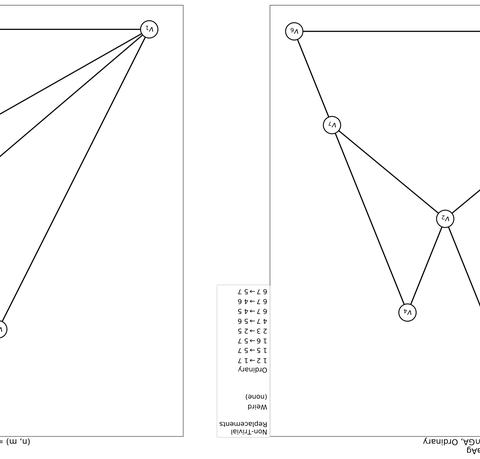
g6: FnaZ
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
1 2 → 4 7
1 3 → 4 7
1 6 → 4 7
3 4 → 4 7
5 6 → 3 5

g6: FnaA
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 7
1 5 → 3 7
1 6 → 5 7
2 3 → 2 5
4 7 → 5 6
6 7 → 4 6
6 7 → 5 7

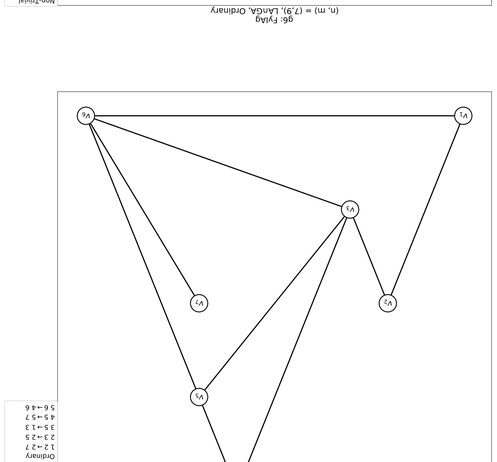
g6: FnaA
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
1 2 → 2 7
1 3 → 2 7
1 6 → 2 7
2 3 → 1 4
2 5 → 1 4
3 4 → 1 4
4 5 → 1 4
6 7 → 2 7
6 7 → 3 7
6 7 → 5 7

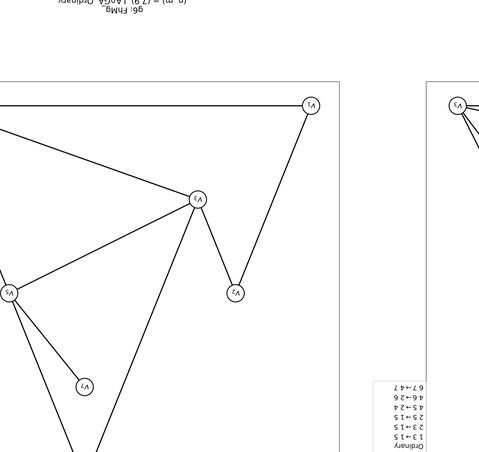

g6: FnaG
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
1 2 → 2 7
1 3 → 2 7
1 6 → 2 7
2 3 → 1 4
2 5 → 1 4
3 4 → 1 4
4 5 → 1 4
6 7 → 2 7
6 7 → 3 7
6 7 → 5 7

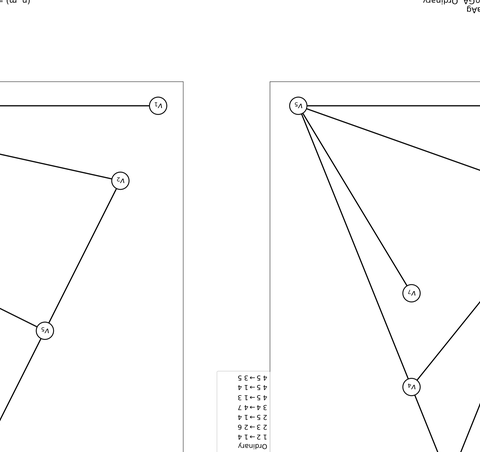

g6: FnaO
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 3
1 2 → 1 7
2 3 → 1 4
2 3 → 2 4
3 4 → 3 7
4 5 → 1 7
5 6 → 1 5
5 7 → 3 7
5 7 → 6 7


g6: FnaW
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 4 → 3 5
1 5 → 3 7
1 5 → 3 5
1 6 → 4 7
2 7 → 6 7
3 4 → 3 5
4 5 → 5 6

g6: FnaZ
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
1 2 → 2 7
1 3 → 2 7
1 6 → 2 7
2 3 → 1 4
2 5 → 1 4
3 4 → 1 4
4 5 → 1 4
6 7 → 2 7
6 7 → 3 7
6 7 → 5 7


g6: FnAG
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 6 → 3 6
2 3 → 5 7
2 4 → 1 5
6 7 → 4 6


g6: FnMO
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 7
1 6 → 1 4
3 4 → 4 6
3 4 → 4 7
3 4 → 6 7
5 6 → 2 5


g6: FnAG
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 3 → 1 5
2 3 → 1 5
2 5 → 4 5
4 6 → 2 6
6 7 → 4 7

g6: FnAG
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
2 3 → 2 6
2 5 → 1 4
3 4 → 4 7
4 5 → 1 3
4 5 → 1 4
4 5 → 3 5

g6: FnMG
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 2 7
2 3 → 5 7
2 4 → 1 5
3 5 → 1 3
4 5 → 5 7
5 6 → 4 6

g6: FnMO
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 5
1 2 → 1 7
1 6 → 1 4
3 4 → 4 6
3 4 → 4 7
3 4 → 6 7
5 6 → 2 5

g6: FXSG
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 3 → 1 5
2 3 → 1 5
2 5 → 1 5
4 5 → 2 4
4 6 → 2 6
6 7 → 4 7

g6: FnJ?O
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
2 3 → 1 7
2 3 → 2 6
2 5 → 1 4
3 4 → 4 7
4 5 → 1 3
4 5 → 1 4
4 5 → 3 5

g6: FnMQG
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 2 7
2 3 → 5 7
3 5 → 1 3
4 5 → 5 7
5 6 → 4 6

g6: FnMQ
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
1 2 → 2 7
1 3 → 2 7
1 6 → 2 7
2 3 → 1 4
2 5 → 1 4
3 4 → 1 4
4 5 → 1 4
6 7 → 2 7
6 7 → 3 7
6 7 → 5 7

g6: Fle
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 5 → 1 7
1 5 → 3 5
1 5 → 3 7
2 3 → 6 7
3 6 → 2 5
5 6 → 2 7

g6: FnaQ
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 7
1 5 → 3 7
1 6 → 5 7
2 3 → 2 5
4 7 → 5 6
6 7 → 4 5
6 7 → 4 6
6 7 → 5 7

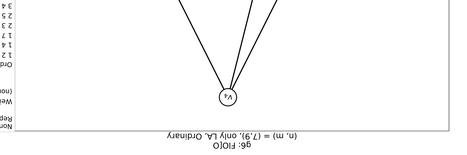
g6: FnJK?
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
1 6 → 1 4
1 7 → 4 7
3 4 → 3 7
4 5 → 5 7

g6: FnF_O
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 2 4
2 3 → 2 5
3 4 → 4 6
3 6 → 2 5
5 6 → 2 5

g6: FndJ
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 3
1 2 → 4 7
3 4 → 4 7
4 6 → 3 6
5 6 → 3 5

g6: FnUQG
(n, m) = (7,9), LAnGA, Ordinary
Non-Trivial Replacements
Weird
(none)
Ordinary
1 2 → 1 4
1 2 → 2 7
1 3 → 2 7
1 6 → 2 7
2 3 → 1 4
2 5 → 1 4
3 4 → 1 4
4 5 → 1 4
6 7 → 2 7
6 7 → 3 7
6 7 → 5 7

g6: FlOO
(n, m) = (7,9), only LA, Ordinary

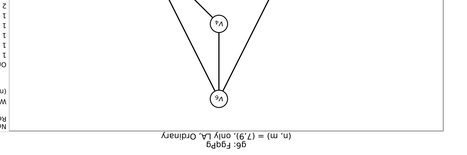


Non-Trivial
Replacements
Weird
(none)
Ordinary
1 2 → 3 7
1 4 → 4 7
1 7 → 3 7
2 3 → 3 7
3 4 → 6 7
5 7 → 6 7

g6: FJSKG
(n, m) = (7,9), only LA, Ordinary

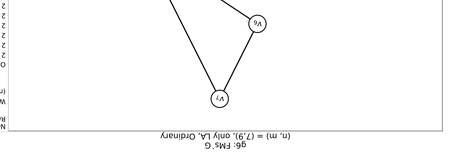
Non-Trivial
Replacements
Weird
(none)
Ordinary
1 2 → 4 7
2 3 → 4 5
2 4 → 3 5
2 5 → 1 4
4 5 → 1 3
4 6 → 3 5
1 5 → 3 7
5 6 → 3 6

g6: FqqPg
(n, m) = (7,9), only LA, Ordinary



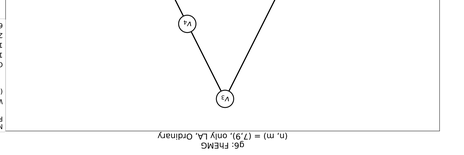
Non-Trivial
Replacements
Weird
(none)
Ordinary
1 2 → 3 5
1 5 → 3 5
1 6 → 4 5
1 6 → 1 4
1 6 → 5 6
2 3 → 1 2
2 4 → 2 6
2 4 → 2 7
3 7 → 3 4
4 6 → 3 4
6 7 → 3 4

g6: FM5`G
(n, m) = (7,9), only LA, Ordinary



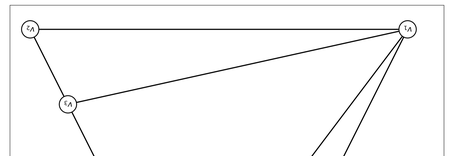
Non-Trivial
Replacements
Weird
(none)
Ordinary
2 3 → 1 3
2 3 → 1 7
2 3 → 2 6
2 3 → 2 7
2 4 → 1 2
2 4 → 2 6
2 4 → 2 7
2 5 → 1 2
2 5 → 2 6
2 5 → 2 7

g6: FnE`G
(n, m) = (7,9), only LA, Ordinary



Non-Trivial
Replacements
Weird
(none)
Ordinary
1 2 → 1 5
1 6 → 1 5
2 7 → 5 7
6 7 → 3 7

g6: FqqDg
(n, m) = (7,9), only LA, Ordinary



Non-Trivial
Replacements
Weird
(none)
Ordinary
1 2 → 4 6
1 5 → 2 7
3 4 → 2 6
3 5 → 4 7
4 7 → 2 7
5 6 → 2 6

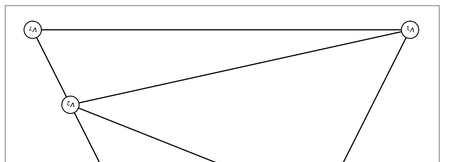
g6: FxaDg
(n, m) = (7,9), only LA, Ordinary

Non-Trivial
Replacements
Weird
(none)
Ordinary
1 3 → 4 6
1 6 → 3 7
3 4 → 2 4
6 7 → 5 7

g6: FJKG
(n, m) = (7,9), only LA, Ordinary

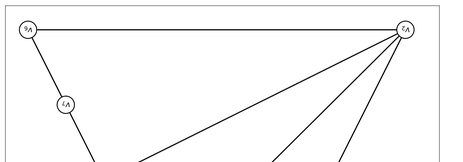
Non-Trivial
Replacements
Weird
(none)
Ordinary
1 2 → 3 7
1 4 → 4 7
1 7 → 3 7
2 3 → 3 7
2 3 → 4 5
2 4 → 3 5
4 5 → 1 3
4 6 → 3 5
5 6 → 3 6

g6: FqqPg
(n, m) = (7,9), only LA, Ordinary



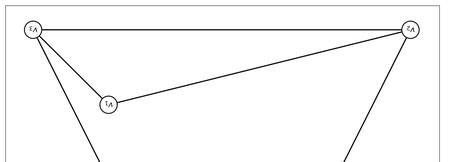
Non-Trivial
Replacements
Weird
(none)
Ordinary
1 2 → 3 5
1 5 → 3 5
1 6 → 4 5
1 6 → 1 4
1 6 → 5 6
2 3 → 1 2
2 4 → 2 6
2 4 → 2 7
3 7 → 3 4
4 6 → 3 4
6 7 → 3 4

g6: FM5`G
(n, m) = (7,9), only LA, Ordinary



Non-Trivial
Replacements
Weird
(none)
Ordinary
2 3 → 1 3
2 3 → 1 7
2 3 → 2 6
2 3 → 2 7
2 4 → 1 2
2 4 → 2 6
2 4 → 2 7
2 5 → 1 2
2 5 → 2 6
2 5 → 2 7

g6: FnE`G
(n, m) = (7,9), only LA, Ordinary



Non-Trivial
Replacements
Weird
(none)
Ordinary
1 2 → 1 5
1 6 → 1 5
2 7 → 5 7
6 7 → 3 7

g6: FqqDg
(n, m) = (7,9), only LA, Ordinary

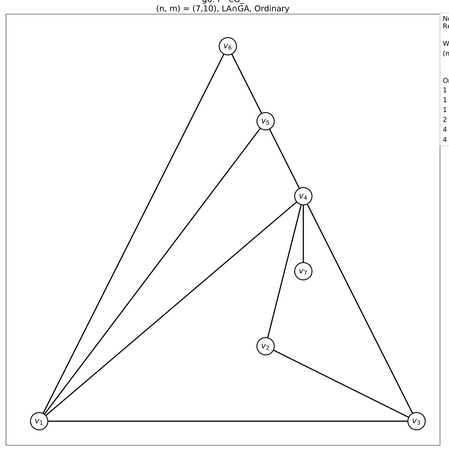
Non-Trivial
Replacements
Weird
(none)
Ordinary
1 2 → 4 6
1 5 → 2 7
3 4 → 2 6
3 5 → 4 7
4 7 → 2 7
5 6 → 2 6

g6: FxaDg
(n, m) = (7,9), only LA, Ordinary

Non-Trivial
Replacements
Weird
(none)
Ordinary
1 3 → 4 6
1 6 → 3 7
3 4 → 2 4
6 7 → 5 7

g6: FJS

g6: F^eG
(n, m) = (7,10), LAnGA, Ordinary

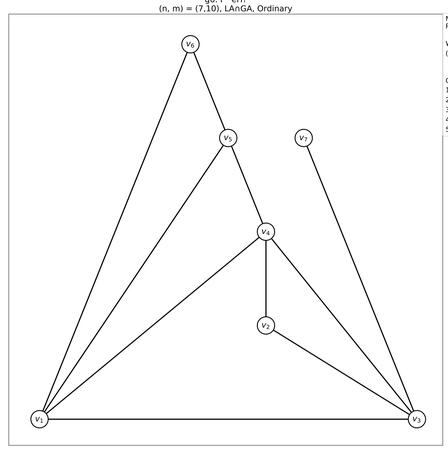


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 2
1 3 → 2 5
1 3 → 3 5
2 3 → 3 7
4 5 → 4 6
4 7 → 1 7

g6: F^eH?
(n, m) = (7,10), LAnGA, Ordinary

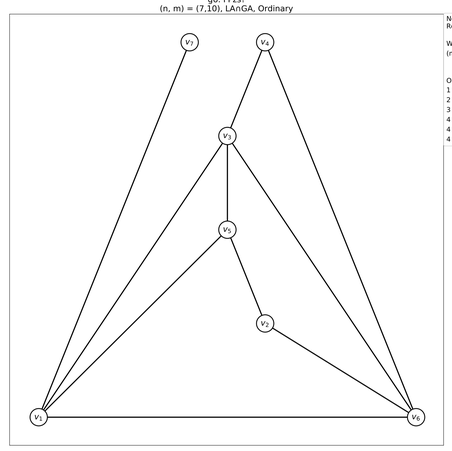


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 3 5
2 4 → 4 7
3 7 → 5 7
4 5 → 4 6
5 6 → 2 7

g6: FPzs?
(n, m) = (7,10), LAnGA, Ordinary

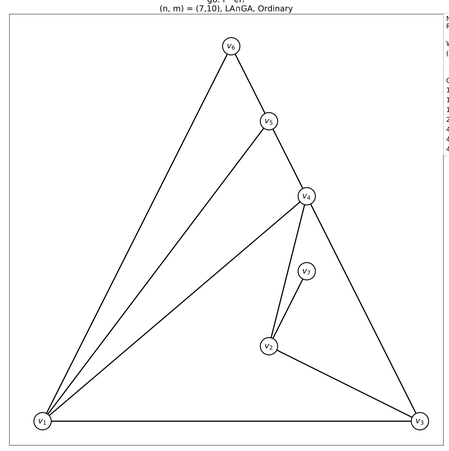


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 2
2 5 → 4 7
3 6 → 5 6
4 6 → 4 5
4 6 → 5 7
4 6 → 6 7

g6: F^el?
(n, m) = (7,10), LAnGA, Ordinary

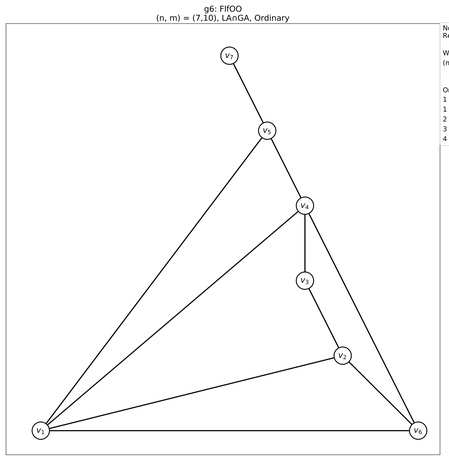


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 3 5
1 4 → 3 5
1 6 → 3 7
2 7 → 6 7
4 5 → 3 5
4 5 → 3 6
4 5 → 4 6

g6: FlfOO
(n, m) = (7,10), LAnGA, Ordinary

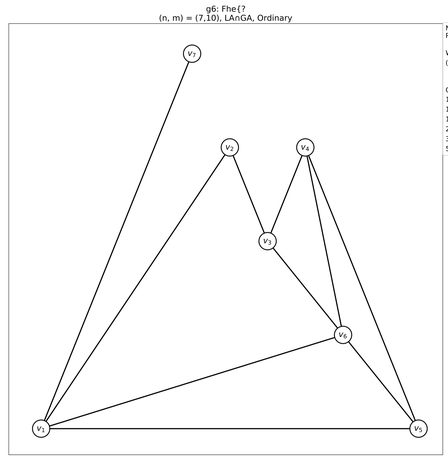


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 5 6
1 6 → 1 3
2 6 → 3 6
3 4 → 6 7
4 5 → 2 5

g6: Fhe{?
(n, m) = (7,10), LAnGA, Ordinary

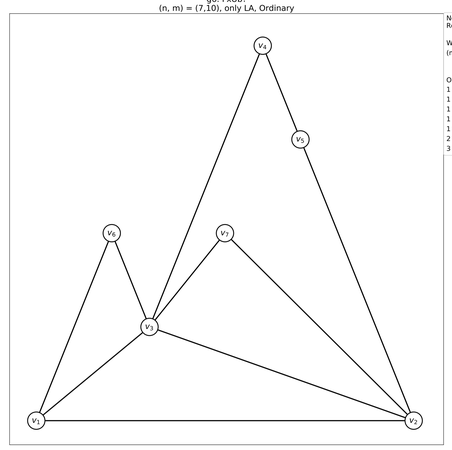


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 3 7
1 6 → 1 4
1 7 → 3 7
2 3 → 3 7
3 6 → 3 5
5 6 → 2 6

g6: FxUb?
(n, m) = (7,10), only LA, Ordinary

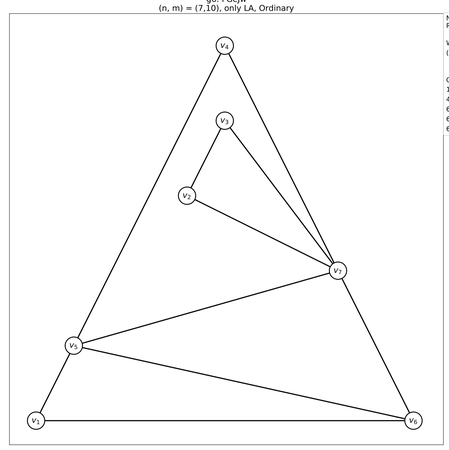


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 6
1 3 → 2 4
1 3 → 2 6
1 3 → 3 5
1 6 → 6 7
2 5 → 1 5
3 6 → 2 6

g6: FGejw
(n, m) = (7,10), only LA, Ordinary

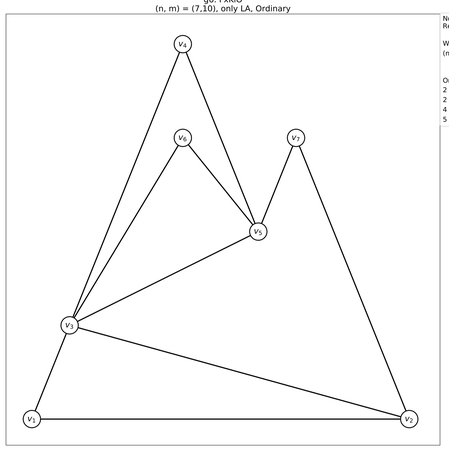


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 4
4 5 → 4 6
6 7 → 1 7
6 7 → 2 5
6 7 → 3 5

g6: FxKiQ
(n, m) = (7,10), only LA, Ordinary

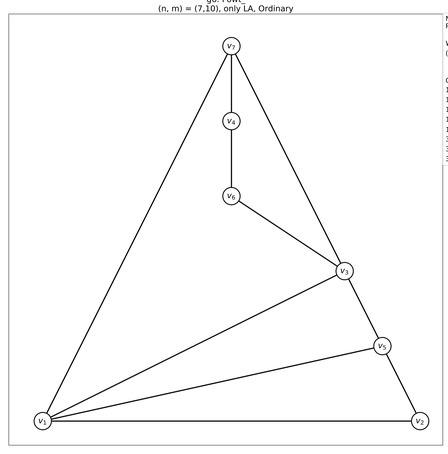


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 2 5
2 7 → 1 7
4 5 → 2 4
5 6 → 2 6

g6: Fowt_
(n, m) = (7,10), only LA, Ordinary

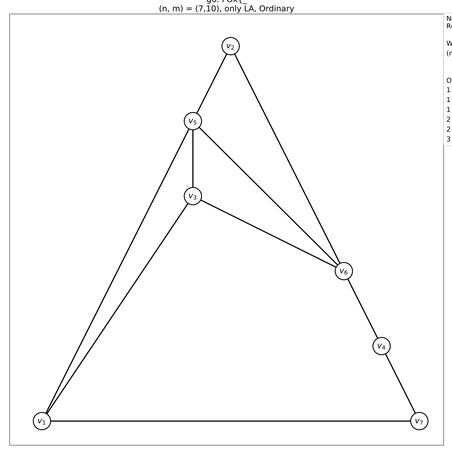


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 5 7
1 5 → 6 7
1 7 → 1 6
1 7 → 5 6
1 7 → 5 7
3 5 → 2 3
3 5 → 2 7
3 5 → 5 7

g6: FOx{_
(n, m) = (7,10), only LA, Ordinary

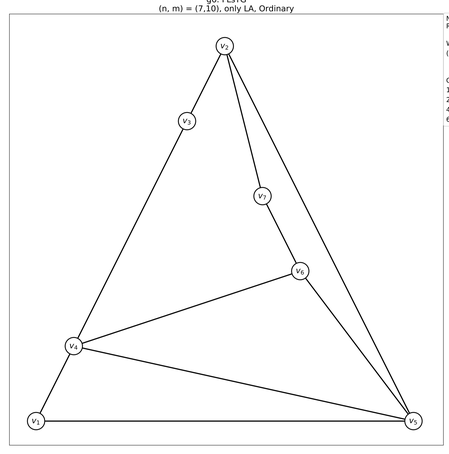


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 2
1 3 → 2 4
1 3 → 3 4
2 5 → 2 3
2 6 → 1 2
3 6 → 1 2

g6: FLsYG
(n, m) = (7,10), only LA, Ordinary

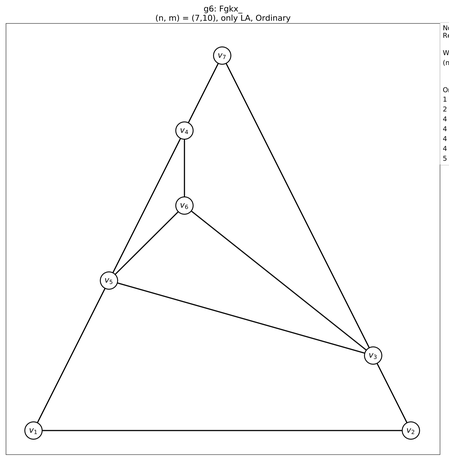


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 6
2 7 → 3 7
4 5 → 2 6
6 7 → 1 7

g6: Fgkx_
(n, m) = (7,10), only LA, Ordinary

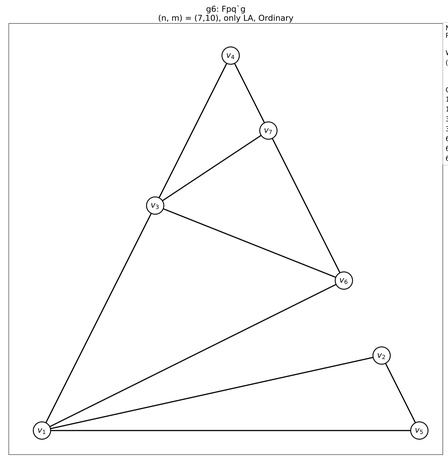


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 6
2 3 → 2 4
4 5 → 1 6
4 6 → 1 6
4 6 → 2 6
4 6 → 6 7
5 6 → 5 7

g6: Fpq`g
(n, m) = (7,10), only LA, Ordinary

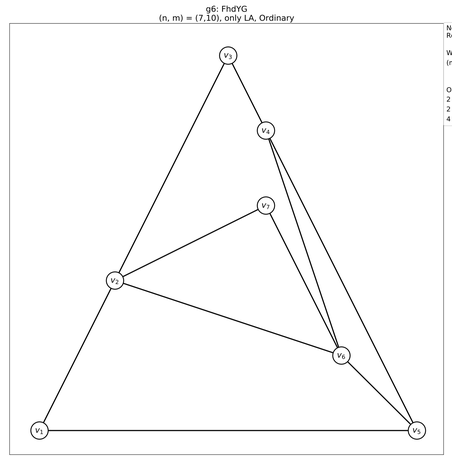


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 7
1 6 → 1 4
3 4 → 4 6
3 7 → 4 6
6 7 → 2 6
6 7 → 4 6
6 7 → 5 6

g6: FhdYG
(n, m) = (7,10), only LA, Ordinary

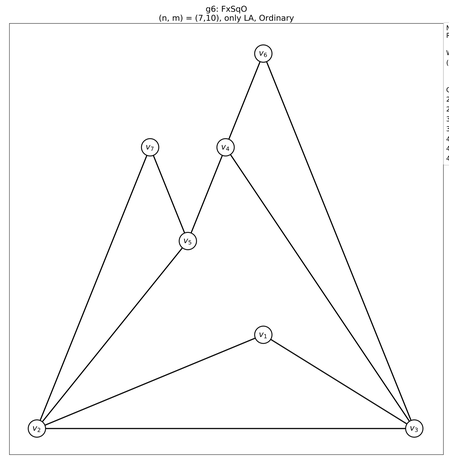


Non-Trivial Replacements

Weird
(none)

Ordinary
2 6 → 2 4
2 6 → 2 5
4 5 → 1 3

g6: FxSqO
(n, m) = (7,10), only LA, Ordinary

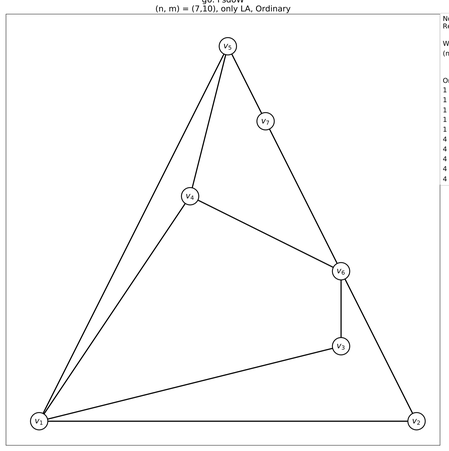


Non-Trivial Replacements

Weird
(none)

Ordinary
2 5 → 4 7
2 7 → 4 7
3 4 → 5 6
3 6 → 5 6
4 5 → 4 7
4 5 → 5 6
4 5 → 6 7

g6: FsdoW
(n, m) = (7,10), only LA, Ordinary

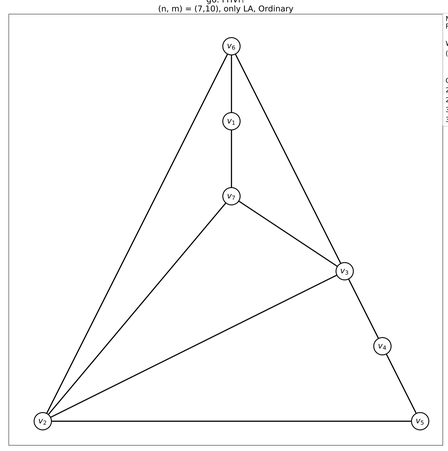


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 5
1 3 → 3 5
1 4 → 1 7
1 4 → 2 5
1 4 → 3 5
4 5 → 2 5
4 5 → 2 7
4 5 → 3 5
4 5 → 3 7
4 5 → 4 7

g6: FHVf?
(n, m) = (7,10), only LA, Ordinary

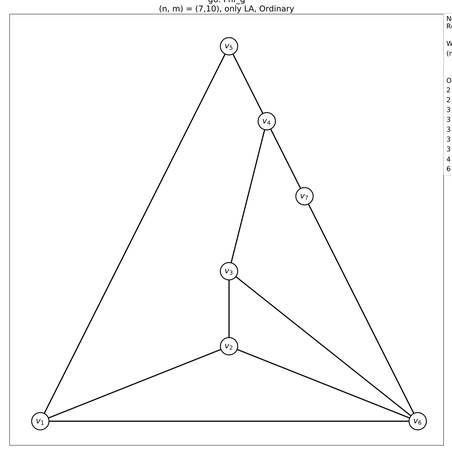


Non-Trivial Replacements

Weird
(none)

Ordinary
2 6 → 4 7
2 7 → 4 6
3 6 → 5 7
3 7 → 5 6

g6: Fhf_g
(n, m) = (7,10), only LA, Ordinary

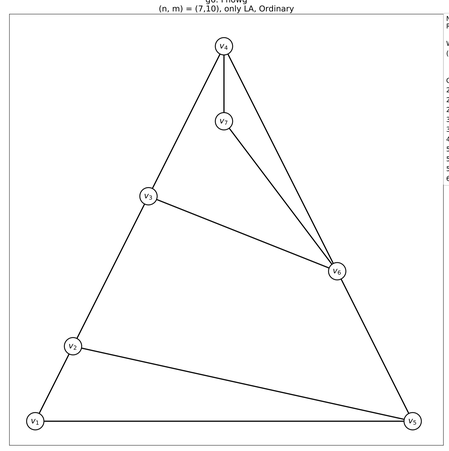


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 2 7
2 6 → 3 7
3 6 → 1 3
3 6 → 1 7
3 6 → 2 5
3 6 → 2 7
3 6 → 5 6
4 7 → 5 7
6 7 → 2 7

g6: Fhowg
(n, m) = (7,10), only LA, Ordinary

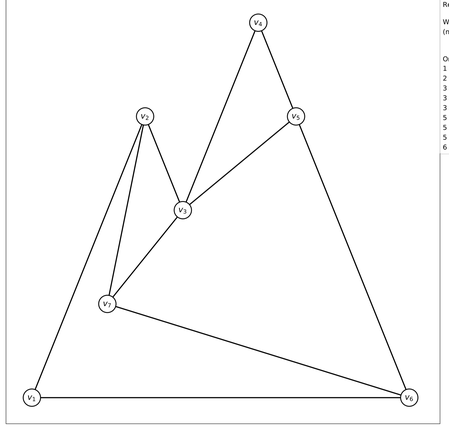


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 1 3
2 3 → 1 7
2 3 → 2 7
3 4 → 3 7
3 6 → 3 5
4 6 → 3 7
5 6 → 1 4
5 6 → 1 6
5 6 → 4 5
6 7 → 3 7

g6: FhMJG
(n, m) = (7,10), only LA, Ordinary

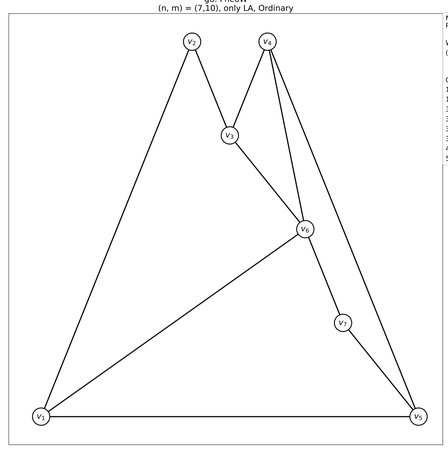


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 4
2 3 → 1 5
3 7 → 1 3
3 7 → 1 5
3 7 → 5 7
5 6 → 1 4
5 6 → 1 5
5 6 → 4 6
6 7 → 1 4

g6: FheoW
(n, m) = (7,10), only LA, Ordinary

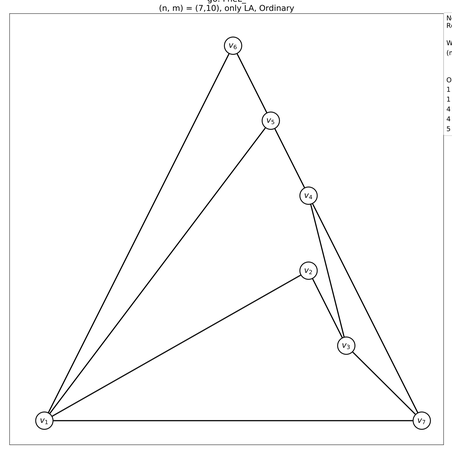


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 7
1 5 → 2 7
3 4 → 3 7
3 6 → 2 5
3 6 → 2 6
3 6 → 3 5
4 6 → 1 4
5 7 → 2 7

g6: FheL
(n, m) = (7,10), only LA, Ordinary

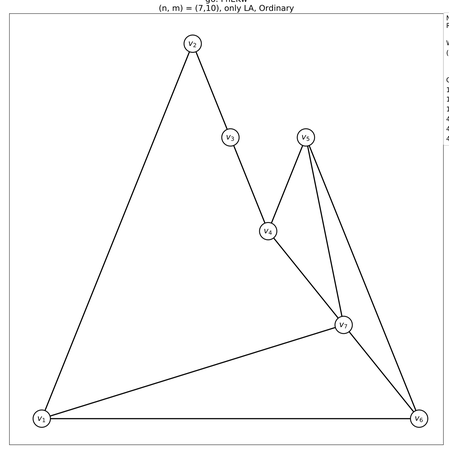


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 5
1 7 → 3 6
4 5 → 4 6
4 7 → 2 4
5 6 → 2 6

g6: FhEKw
(n, m) = (7,10), only LA, Ordinary

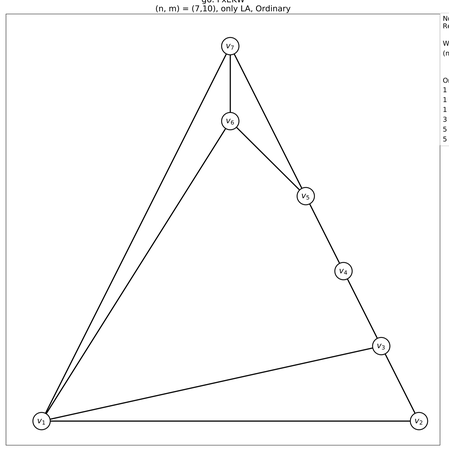


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 1 5
1 7 → 3 5
1 7 → 3 7
4 7 → 2 6
4 7 → 2 7
4 7 → 4 6

g6: FxEKW
(n, m) = (7,10), only LA, Ordinary

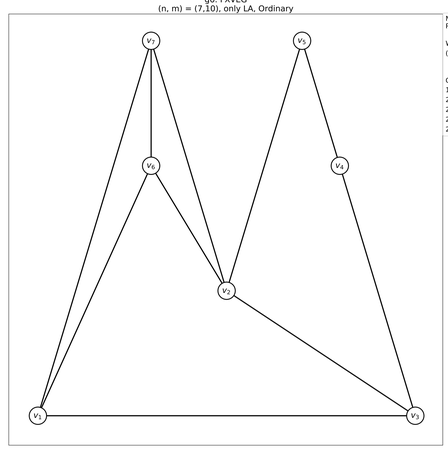


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 3 5
1 6 → 2 7
1 7 → 2 6
3 4 → 2 4
5 6 → 2 4
5 7 → 2 4

g6: FXVEG
(n, m) = (7,10), only LA, Ordinary

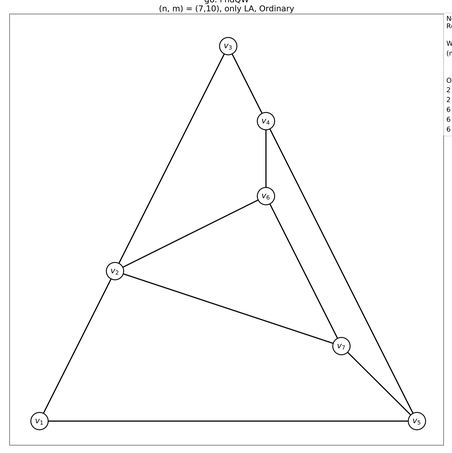


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 5
2 3 → 1 5
2 5 → 1 5
2 6 → 3 6
2 7 → 3 7

g6: FhdQW
(n, m) = (7,10), only LA, Ordinary

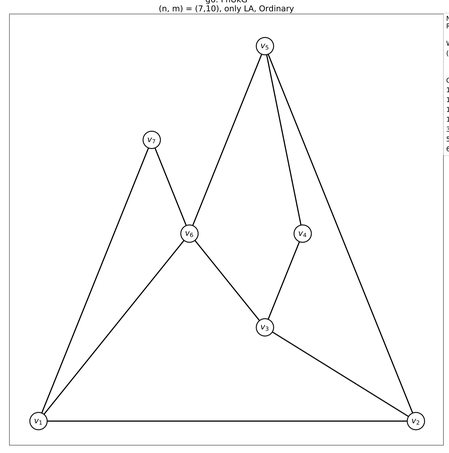


Non-Trivial Replacements

Weird
(none)

Ordinary
2 6 → 1 4
2 7 → 3 5
6 7 → 1 3
6 7 → 1 6
6 7 → 3 7

g6: FhUkG
(n, m) = (7,10), only LA, Ordinary

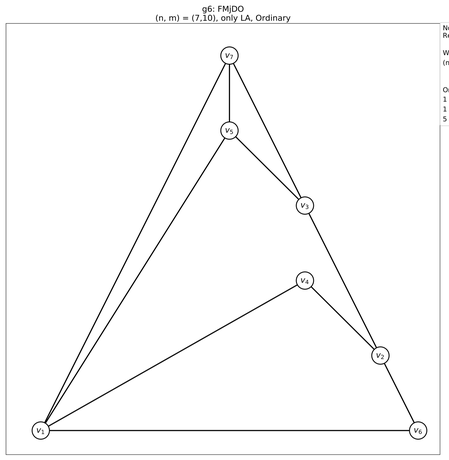


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 4
1 2 → 2 7
1 2 → 4 7
1 6 → 2 7
3 6 → 1 4
5 6 → 1 4
6 7 → 2 7

g6: FMjDO
(n, m) = (7,10), only LA, Ordinary

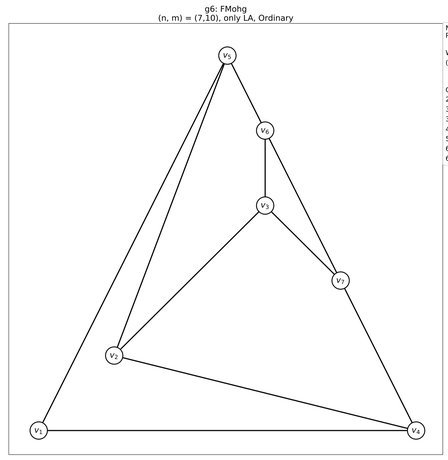


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 2 5
1 7 → 2 7
5 7 → 4 6

g6: FMohg
(n, m) = (7,10), only LA, Ordinary

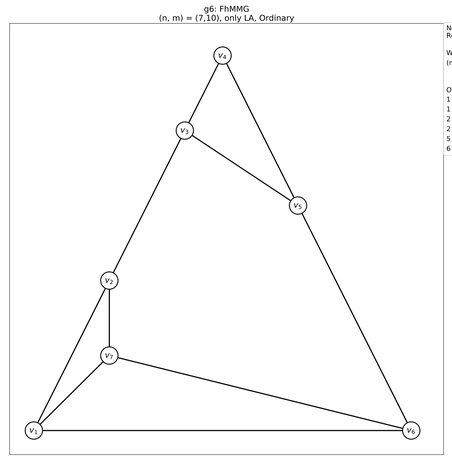


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 1 3
3 6 → 1 6
3 7 → 1 7
4 7 → 1 7
5 6 → 1 6
6 7 → 1 6
6 7 → 1 7

g6: FhMMG
(n, m) = (7,10), only LA, Ordinary

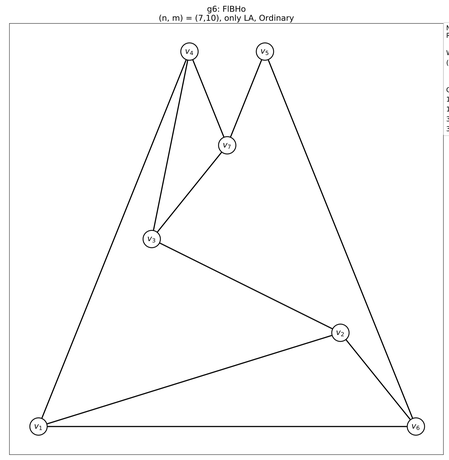


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 4
1 6 → 4 6
2 3 → 2 4
2 7 → 2 4
5 6 → 4 6
6 7 → 4 6

g6: FlBHo
(n, m) = (7,10), only LA, Ordinary

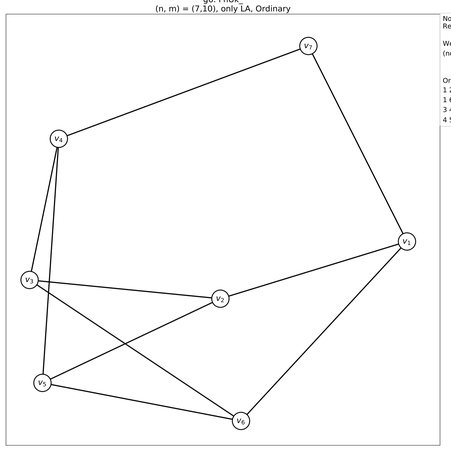


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 5
1 2 → 2 5
3 4 → 3 5
3 4 → 4 5

g6: FhUk
(n, m) = (7,10), only LA, Ordinary

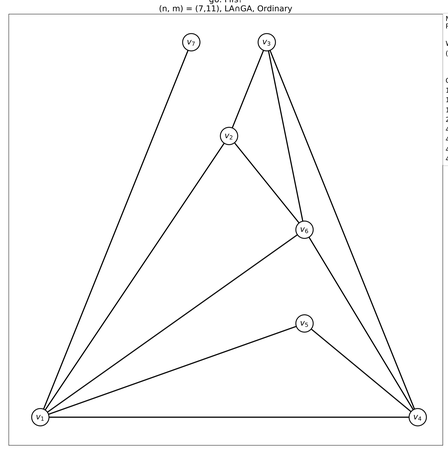


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 7
1 6 → 6 7
3 4 → 3 7
4 5 → 5 7

g6: Flfs?
(n, m) = (7,11), LAnGA, Ordinary

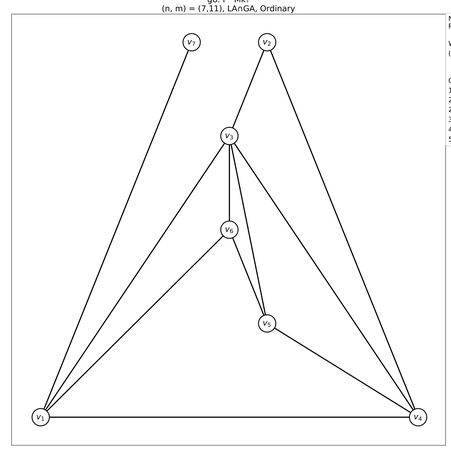


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 4 7
1 6 → 1 3
1 7 → 4 7
2 3 → 3 5
4 5 → 2 5
4 5 → 2 7
4 5 → 4 7
4 6 → 2 4

g6: F^Mk?
(n, m) = (7,11), LAnGA, Ordinary

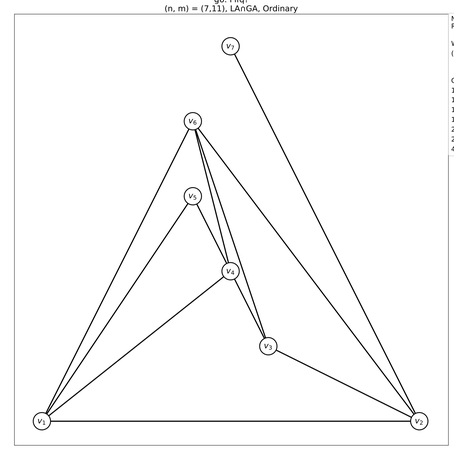


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 5 7
2 3 → 3 7
2 4 → 2 6
3 6 → 4 6
4 5 → 2 6
5 6 → 2 6

g6: Flfq?
(n, m) = (7,11), LAnGA, Ordinary

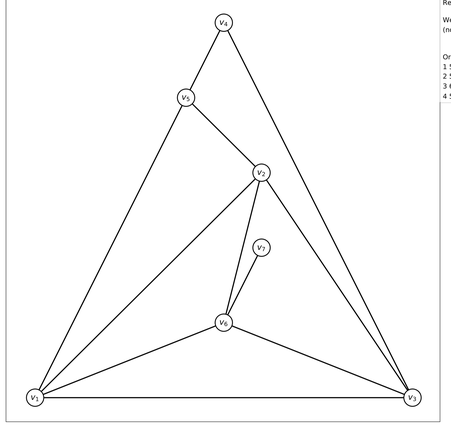


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 7
1 5 → 3 5
1 5 → 3 7
1 6 → 1 3
2 3 → 2 5
2 7 → 3 7
4 5 → 3 7

g6: Fxv_G
(n, m) = (7,11), LAnGA, Ordinary

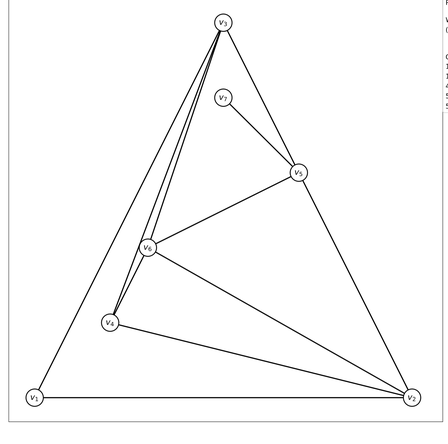


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 4
2 5 → 2 4
3 6 → 5 6
4 5 → 5 7

g6: FrXwO
(n, m) = (7,11), LAnGA, Ordinary

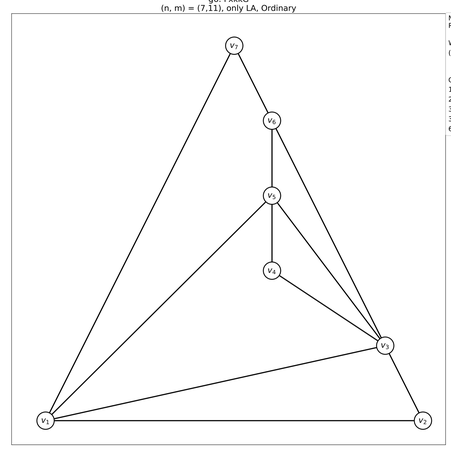


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 4 7
1 3 → 4 7
4 6 → 1 6
5 6 → 4 5
5 7 → 4 7

g6: FxkkG
(n, m) = (7,11), only LA, Ordinary

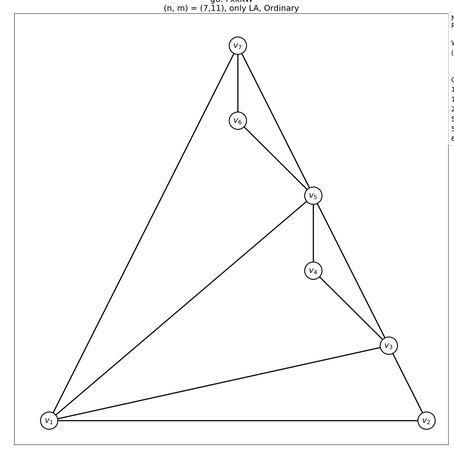


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 6
2 3 → 2 5
3 5 → 1 6
3 6 → 3 7
6 7 → 4 7

g6: FxkkW
(n, m) = (7,11), only LA, Ordinary

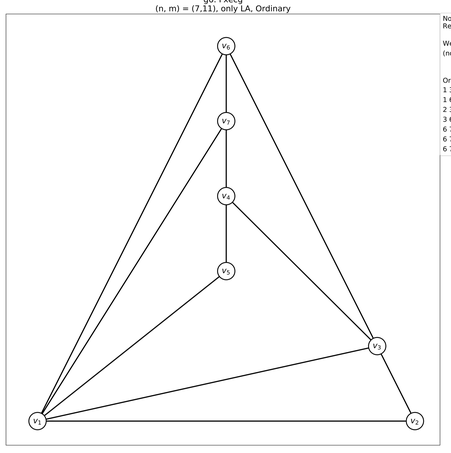


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 3 7
1 7 → 1 6
2 3 → 2 7
5 6 → 1 6
5 7 → 1 6
6 7 → 4 6

g6: Fxecg
(n, m) = (7,11), only LA, Ordinary

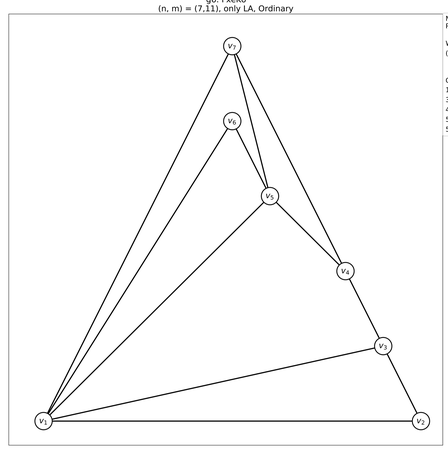


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 1 4
1 6 → 3 5
2 3 → 2 7
3 6 → 2 7
6 7 → 2 5
6 7 → 2 7
6 7 → 5 6

g6: FxeKo
(n, m) = (7,11), only LA, Ordinary

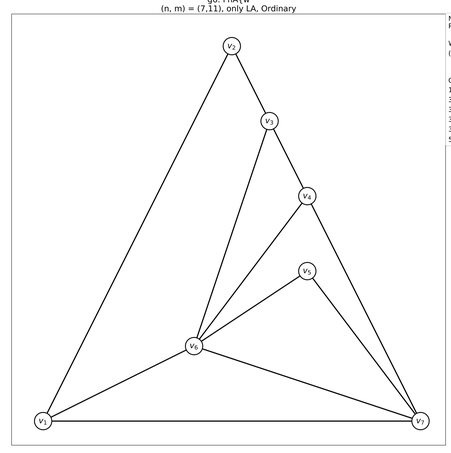


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 2 5
3 4 → 2 4
4 7 → 4 6
5 6 → 6 7
5 7 → 3 7

g6: FhA{w
(n, m) = (7,11), only LA, Ordinary

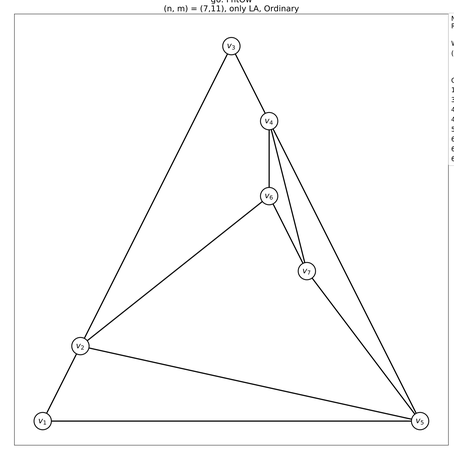


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 5
3 4 → 3 5
3 6 → 2 6
3 6 → 2 7
3 6 → 3 7
5 7 → 4 5

g6: FhtOw
(n, m) = (7,11), only LA, Ordinary

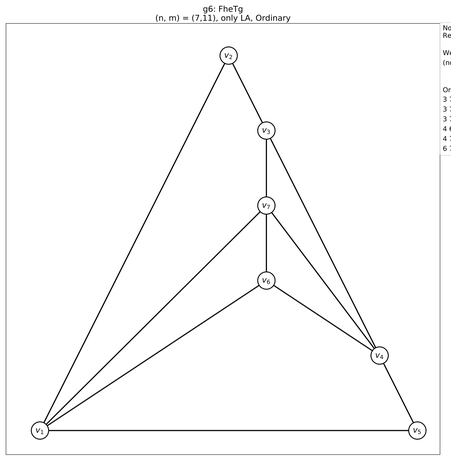


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 6
3 4 → 3 7
4 6 → 3 7
4 7 → 3 6
5 7 → 1 6
6 7 → 1 3
6 7 → 1 6
6 7 → 3 7

g6: FheTg
(n, m) = (7,11), only LA, Ordinary

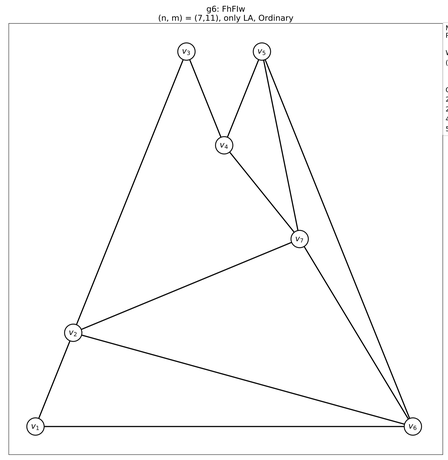


Non-Trivial Replacements

Weird
(none)

Ordinary
3 7 → 2 6
3 7 → 2 7
3 7 → 3 6
4 6 → 3 6
4 7 → 3 6
6 7 → 5 7

g6: FhFIw
(n, m) = (7,11), only LA, Ordinary

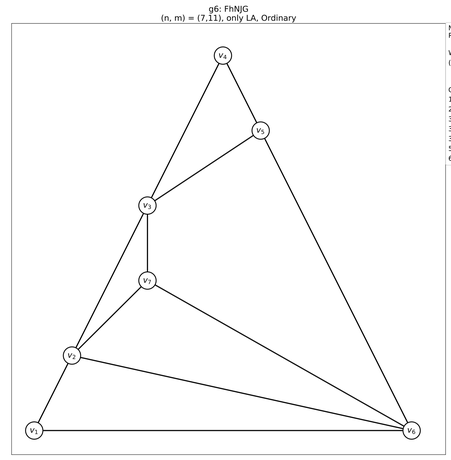


Non-Trivial Replacements

Weird
(none)

Ordinary
2 6 → 2 4
2 7 → 2 5
4 5 → 1 3
5 7 → 3 7

g6: FhNJG
(n, m) = (7,11), only LA, Ordinary

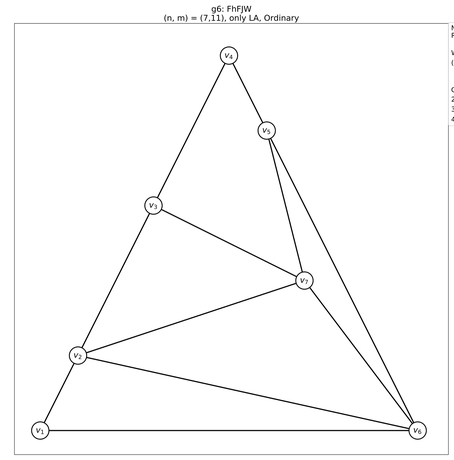


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 7
2 7 → 5 7
3 7 → 1 3
3 7 → 1 5
3 7 → 5 7
5 6 → 4 6
6 7 → 5 7

g6: FhFJW
(n, m) = (7,11), only LA, Ordinary

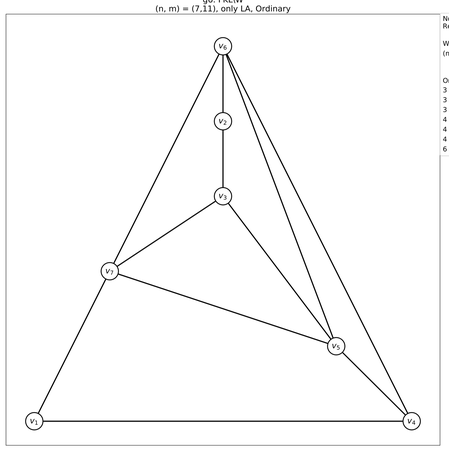


Non-Trivial Replacements

Weird
(none)

Ordinary
2 6 → 3 5
3 4 → 1 4
4 5 → 1 4

g6: FKLuW
(n, m) = (7,11), only LA, Ordinary

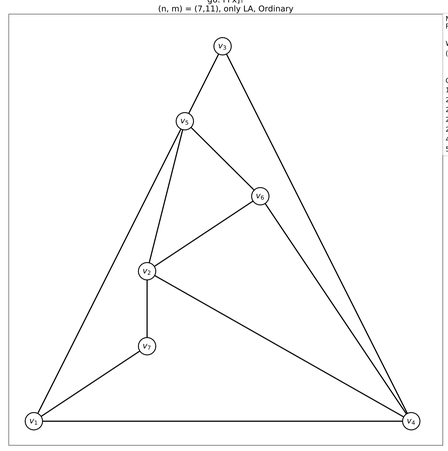


Non-Trivial Replacements

Weird
(none)

Ordinary
3 7 → 2 4
3 7 → 2 7
3 7 → 3 4
4 6 → 1 3
4 6 → 1 6
4 6 → 3 4
6 7 → 3 4

g6: FFxJ?
(n, m) = (7,11), only LA, Ordinary

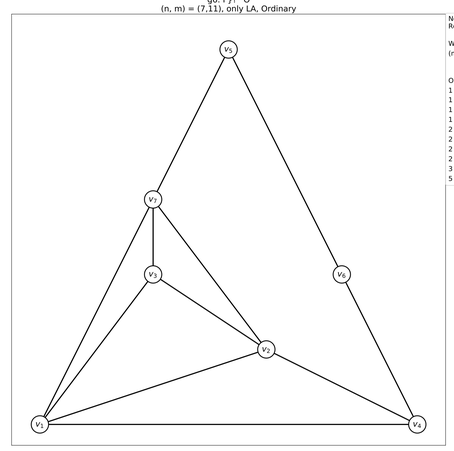


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 3 7
2 6 → 1 3
2 6 → 1 6
2 6 → 2 3
2 7 → 6 7
4 6 → 1 6
5 6 → 1 6

g6: F}?^O
(n, m) = (7,11), only LA, Ordinary

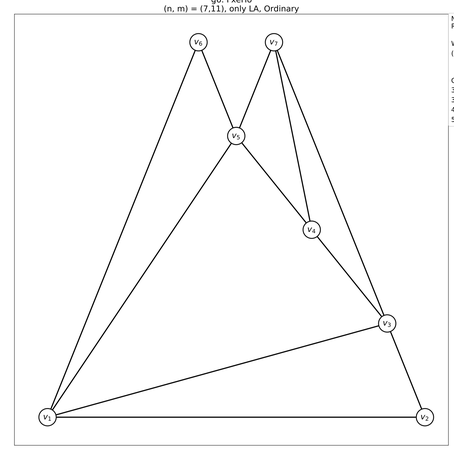


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 5
1 4 → 3 4
1 4 → 3 5
1 7 → 3 4
2 4 → 2 5
2 4 → 3 4
2 4 → 3 5
2 7 → 3 4
3 7 → 3 4
5 7 → 3 5

g6: FxeHo
(n, m) = (7,11), only LA, Ordinary

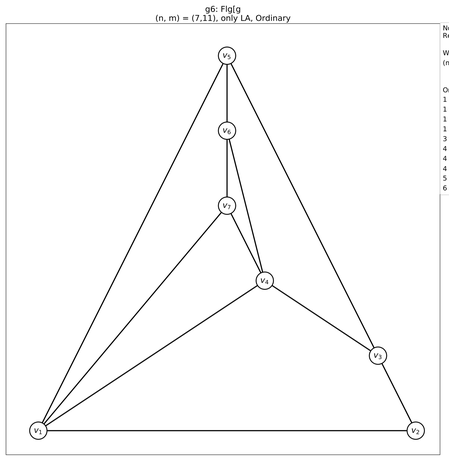


Non-Trivial Replacements

Weird
(none)

Ordinary
3 4 → 2 7
3 7 → 2 4
4 5 → 6 7
5 7 → 4 6

g6: FlgIg
(n, m) = (7,11), only LA, Ordinary

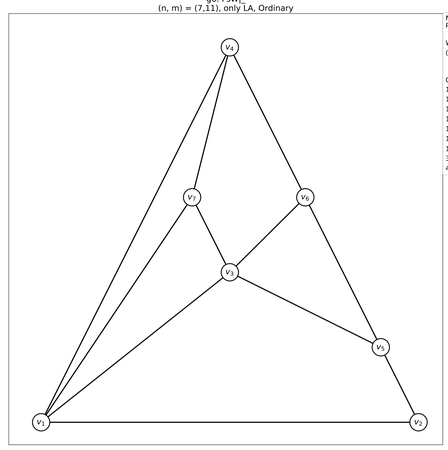


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 6
1 4 → 3 7
1 5 → 2 6
1 7 → 3 7
3 4 → 3 7
4 7 → 2 4
4 7 → 2 5
4 7 → 5 7
5 6 → 2 6
6 7 → 2 7

g6: FsWL
(n, m) = (7,11), only LA, Ordinary

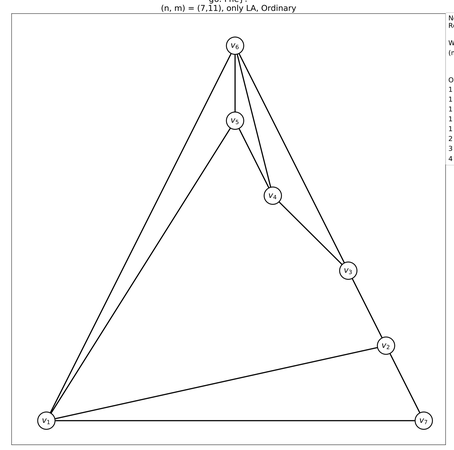


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 7
1 3 → 1 6
1 3 → 4 5
1 3 → 5 7
1 4 → 2 6
1 4 → 2 7
1 4 → 4 5
3 5 → 4 5
4 7 → 2 7

g6: Fhe}?
(n, m) = (7,11), only LA, Ordinary

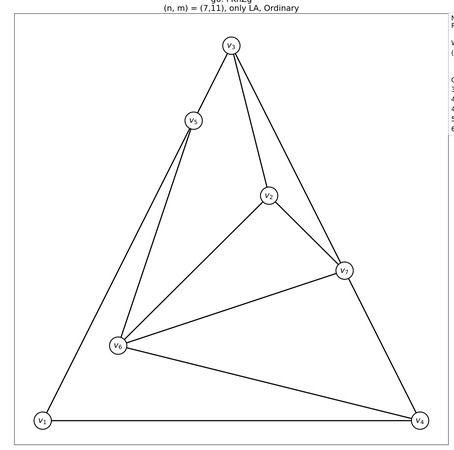


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 3 7
1 6 → 1 4
1 6 → 2 4
1 6 → 2 6
1 7 → 3 7
2 3 → 3 7
3 6 → 3 5
4 5 → 5 7

g6: FKhZg
(n, m) = (7,11), only LA, Ordinary

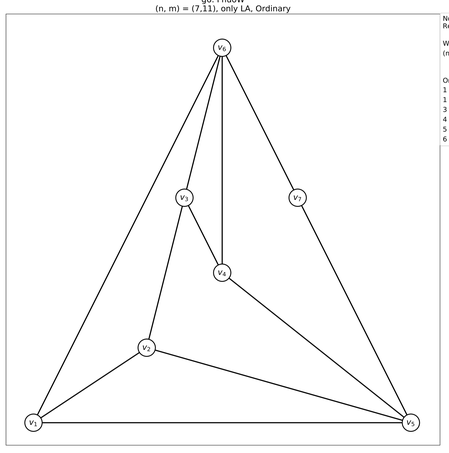


Non-Trivial Replacements

Weird
(none)

Ordinary
3 7 → 1 7
4 6 → 3 4
4 7 → 2 4
5 6 → 1 2
6 7 → 3 6

g6: FhuoW
(n, m) = (7,11), only LA, Ordinary

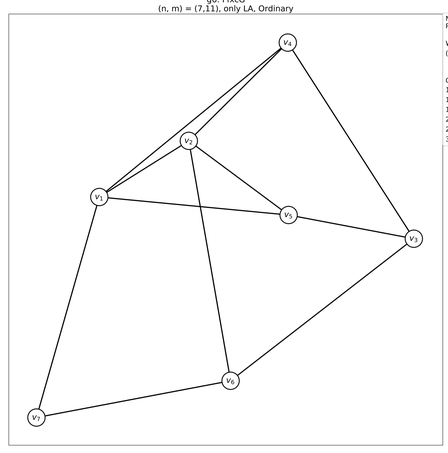


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 7
1 5 → 2 7
3 4 → 3 7
4 6 → 3 7
5 7 → 2 7
6 7 → 3 7

g6: FfxcG
(n, m) = (7,11), only LA, Ordinary

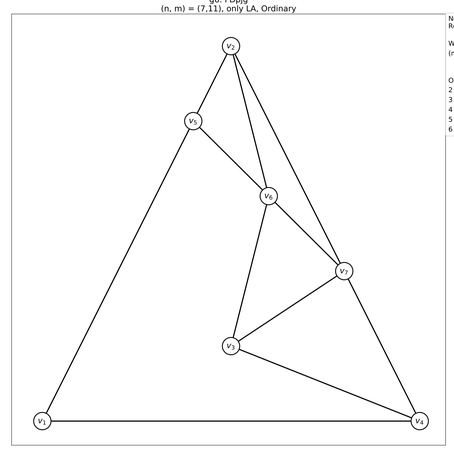


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 2 → 4 6
1 2 → 5 6
2 4 → 5 7
2 5 → 4 7
3 6 → 3 7

g6: FDpig
(n, m) = (7,11), only LA, Ordinary

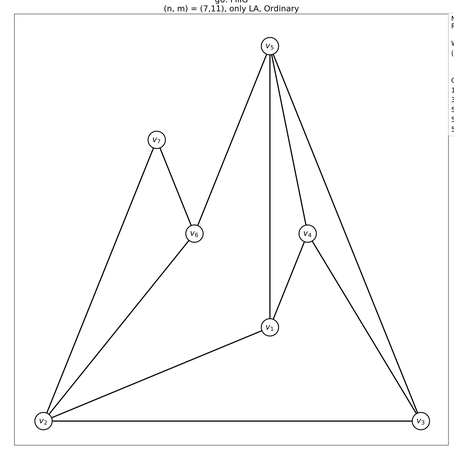


Non-Trivial Replacements

Weird
(none)

Ordinary
2 7 → 2 3
3 6 → 2 3
4 7 → 1 2
5 6 → 1 3
6 7 → 2 3

g6: FIIIG
(n, m) = (7,11), only LA, Ordinary

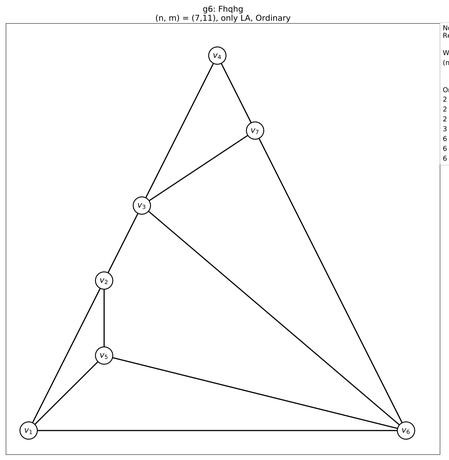


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 7
3 4 → 3 7
5 6 → 4 6
5 6 → 4 7
5 6 → 5 7

g6: Fhqhg
(n, m) = (7,11), only LA, Ordinary

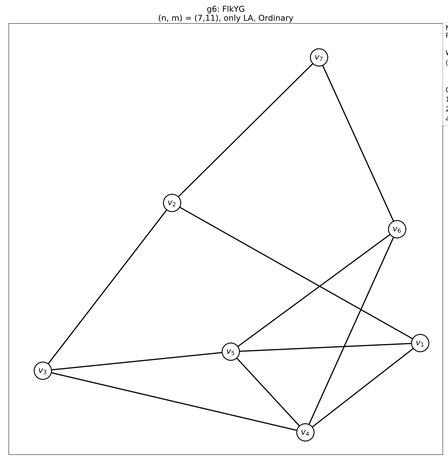


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 1 4
2 3 → 2 7
2 3 → 4 5
3 6 → 2 7
6 7 → 2 4
6 7 → 2 7
6 7 → 4 6

g6: FIkYG
(n, m) = (7,11), only LA, Ordinary

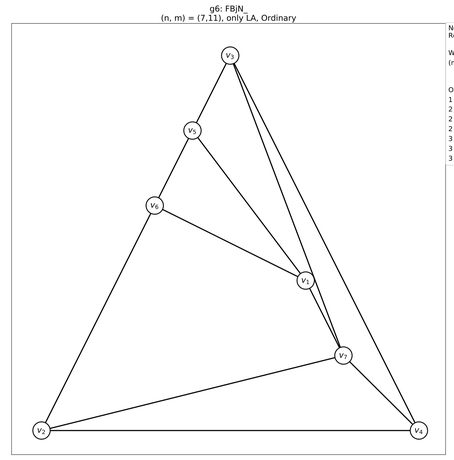


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 7
2 3 → 3 7
4 5 → 1 3

g6: FBjN
(n, m) = (7,11), only LA, Ordinary

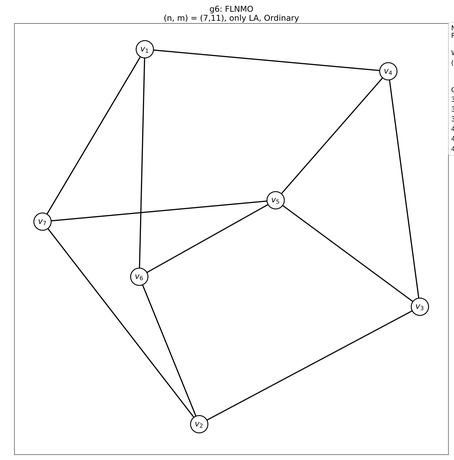


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 1 4
2 7 → 1 2
2 7 → 2 3
2 7 → 2 5
3 7 → 1 3
3 7 → 2 3
3 7 → 3 6

g6: FLNMO
(n, m) = (7,11), only LA, Ordinary

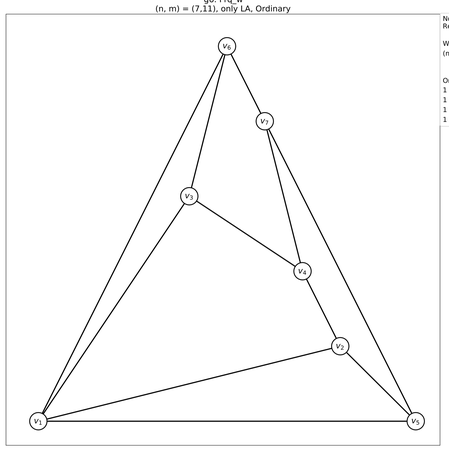


Non-Trivial Replacements

Weird
(none)

Ordinary
3 5 → 1 3
3 5 → 3 6
3 5 → 3 7
4 5 → 2 4
4 5 → 4 6
4 5 → 4 7

g6: Frq_w
(n, m) = (7,11), only LA, Ordinary

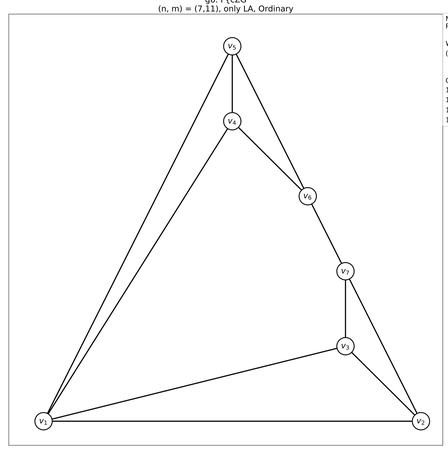


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 3
1 3 → 2 3
1 5 → 5 6
1 6 → 5 6

g6: F{cZG
(n, m) = (7,11), only LA, Ordinary

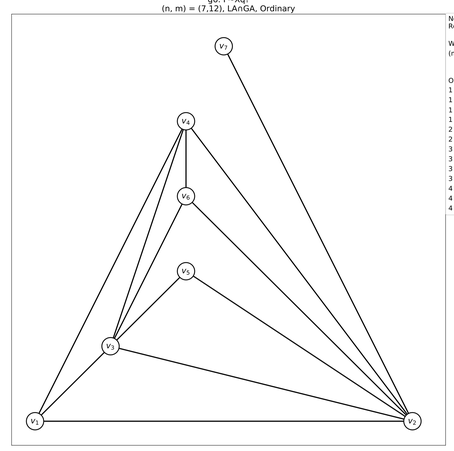


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 6
1 3 → 3 6
1 4 → 4 7
1 5 → 5 7

g6: F~Xq?
(n, m) = (7,12), LAnGA, Ordinary

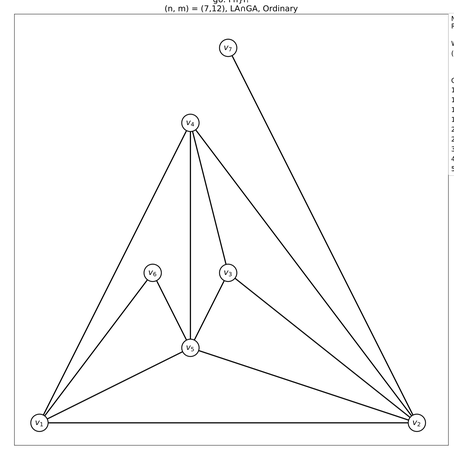


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 4 5
1 4 → 1 6
1 4 → 4 5
1 4 → 5 6
2 5 → 3 7
2 7 → 3 7
3 5 → 3 7
3 5 → 4 5
3 5 → 4 7
3 6 → 4 5
4 6 → 1 5
4 6 → 1 6
4 6 → 4 5

g6: Fs)I?
(n, m) = (7,12), LAnGA, Ordinary

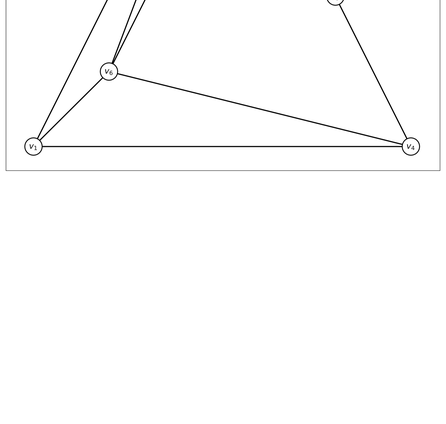


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 3
1 6 → 1 7
1 6 → 3 6
1 6 → 3 7
2 3 → 2 6
2 7 → 4 7
3 5 → 1 3
4 5 → 1 3
5 6 → 4 6

g6: FhJlO
(n, m) = (7,12), only LA, Ordinary

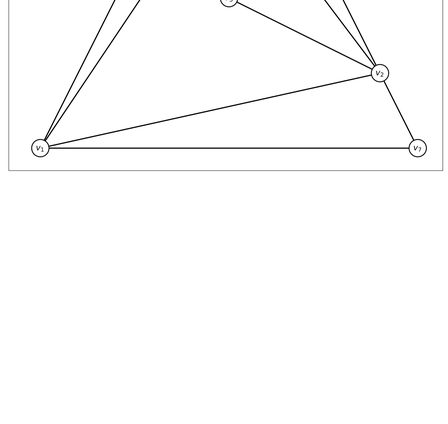


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
2 6 → 3 6
2 7 → 1 3
2 7 → 2 4
2 7 → 3 6
3 4 → 4 7
3 7 → 1 3
3 7 → 3 6
4 5 → 2 4
5 7 → 2 4

g6: F~q`G
(n, m) = (7,12), only LA, Ordinary

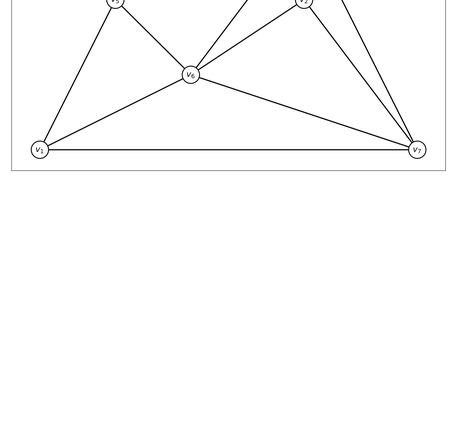


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 7
1 6 → 2 6
1 6 → 2 7
2 4 → 4 6
2 5 → 4 5
3 4 → 3 5

g6: Fl}SO
(n, m) = (7,12), only LA, Ordinary

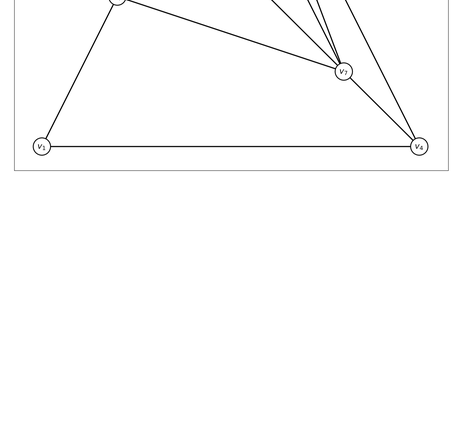


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 4 7
2 3 → 2 6
2 3 → 3 7
2 3 → 6 7
2 5 → 2 4
3 4 → 2 6
4 6 → 2 6

g6: Flu]?
(n, m) = (7,12), only LA, Ordinary



Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 4
1 6 → 5 7
1 7 → 5 7
2 5 → 2 6
3 4 → 3 6
5 6 → 5 7

g6: Fnz@O
(n, m) = (7,12), only LA, Ordinary

Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 4 6
2 3 → 1 3
2 4 → 4 5
3 4 → 3 6
5 7 → 4 7

g6: FIxiG
(n, m) = (7,12), only LA, Ordinary

Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 6
1 2 → 2 4
1 2 → 4 6
1 4 → 4 7
2 3 → 1 6
2 6 → 1 3
2 7 → 5 7
3 6 → 1 6

g6: Fxr`g
(n, m) = (7,12), only LA, Ordinary

Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 2 7
2 3 → 1 7
3 4 → 4 6
3 7 → 4 6
6 7 → 4 6

g6: FI|EG
(n, m) = (7,12), only LA, Ordinary

Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 3
1 7 → 1 6
1 7 → 3 6
1 7 → 3 7
2 3 → 5 6
2 5 → 2 4
2 6 → 1 6
2 7 → 1 6

g6: FlZZ?
(n, m) = (7,12), only LA, Ordinary

Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 4 7
2 6 → 3 6
5 6 → 1 5
5 6 → 1 7
5 6 → 6 7

g6: FlZ]?
(n, m) = (7,12), only LA, Ordinary

Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 3
2 3 → 1 3
2 6 → 1 3
2 6 → 1 5
2 6 → 2 4
3 5 → 3 7

g6: FBj]g
(n, m) = (7,12), only LA, Ordinary

Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 3 6
1 7 → 1 2
3 4 → 2 3
4 6 → 5 7
4 7 → 5 7
5 6 → 5 7

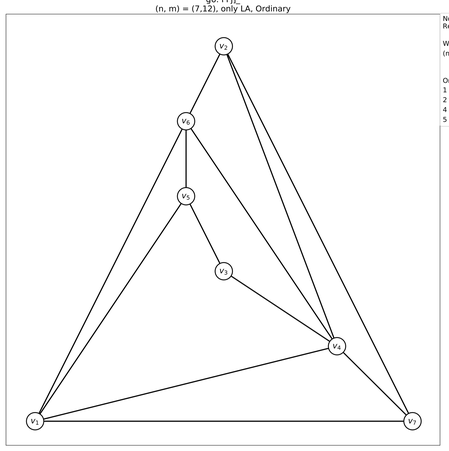
g6: FKN]w
(n, m) = (7,12), only LA, Ordinary

Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 3
2 6 → 2 4
2 7 → 1 5
2 7 → 1 7
2 7 → 2 5
3 7 → 1 7
4 5 → 2 4
4 7 → 1 7
5 6 → 2 4

g6: FFjL
(n, m) = (7,12), only LA, Ordinary

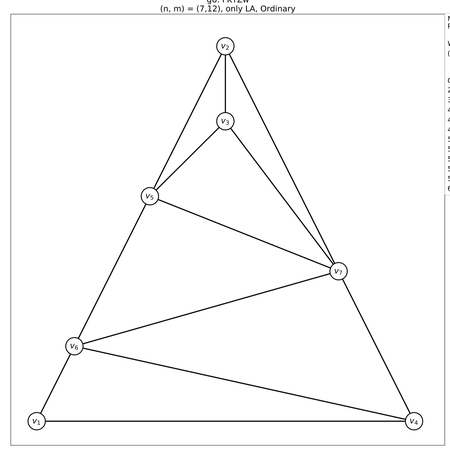


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5→2 5
2 4→3 6
4 7→1 3
5 6→5 7

g6: FKYZw
(n, m) = (7,12), only LA, Ordinary

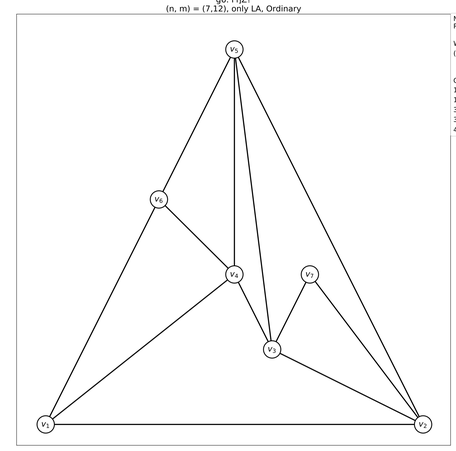


Non-Trivial Replacements

Weird
(none)

Ordinary
2 7→1 7
3 7→1 7
4 7→1 5
4 7→1 7
4 7→4 5
5 6→2 4
5 6→2 6
5 6→3 4
5 6→3 6
5 6→4 5
6 7→4 5

g6: FIJZ?
(n, m) = (7,12), only LA, Ordinary

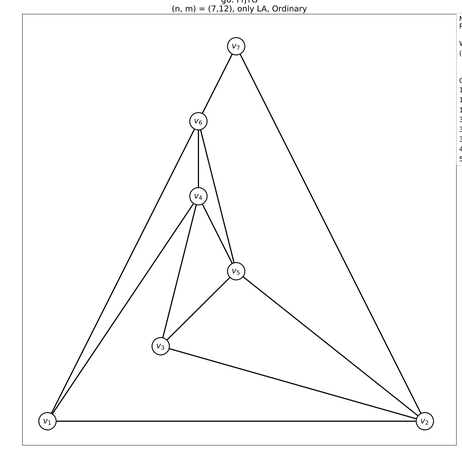


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2→6 7
1 6→1 7
3 4→3 6
3 5→1 3
4 5→1 5

g6: FIJYG
(n, m) = (7,12), only LA, Ordinary

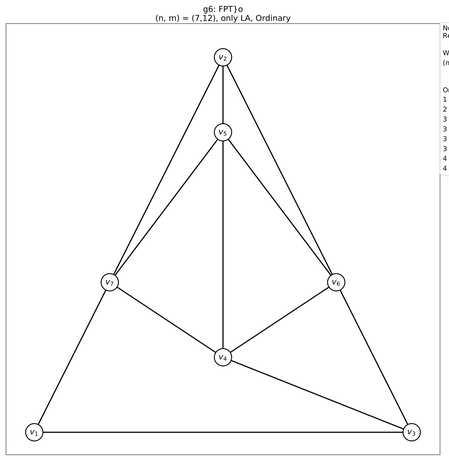


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4→1 3
1 4→3 7
1 4→4 7
3 5→1 3
3 5→1 7
3 5→5 7
4 5→1 3
5 6→3 6

g6: FPT)o
(n, m) = (7,12), only LA, Ordinary

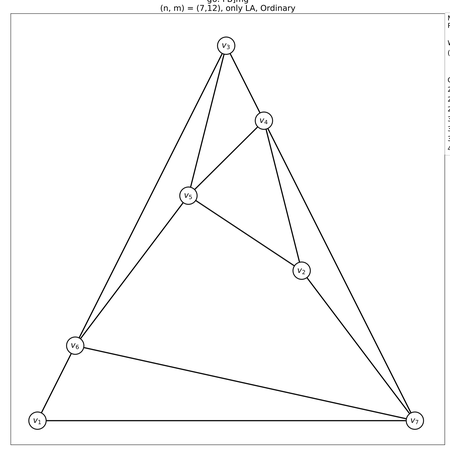


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7→1 2
2 7→2 3
3 4→1 2
3 4→1 4
3 4→2 3
3 6→1 2
4 5→2 4
4 7→2 3

g6: FB]mg
(n, m) = (7,12), only LA, Ordinary

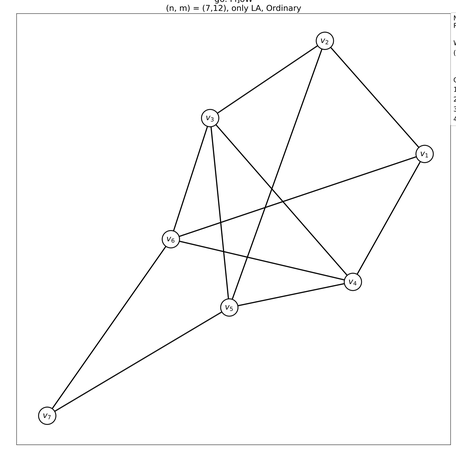


Non-Trivial Replacements

Weird
(none)

Ordinary
2 5→1 3
2 5→1 5
2 5→2 3
3 4→1 2
3 4→1 4
3 4→2 3
4 5→2 3

g6: FI]oW
(n, m) = (7,12), only LA, Ordinary

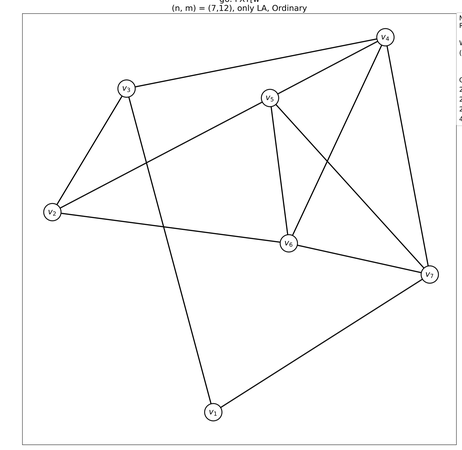


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6→2 7
2 5→1 7
3 5→1 5
4 6→2 6

g6: FXT[w
(n, m) = (7,12), only LA, Ordinary

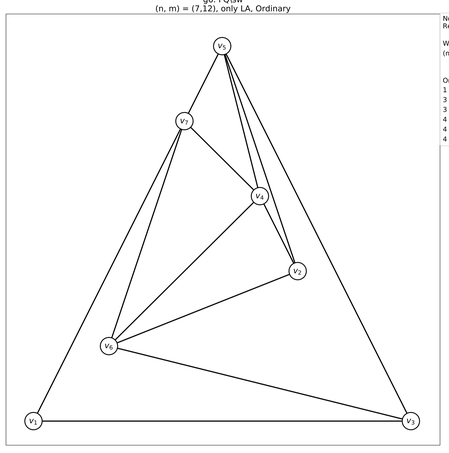


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3→1 2
2 5→1 5
2 6→1 6
4 7→2 7

g6: FQ\sw
(n, m) = (7,12), only LA, Ordinary

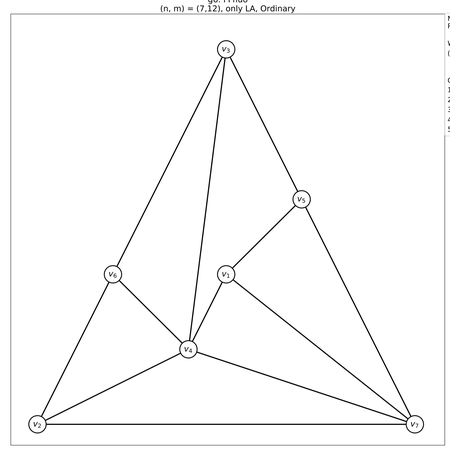


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7→1 2
3 5→1 2
3 6→1 2
4 7→2 3
4 7→2 7
4 7→3 4

g6: FFhuo
(n, m) = (7,12), only LA, Ordinary

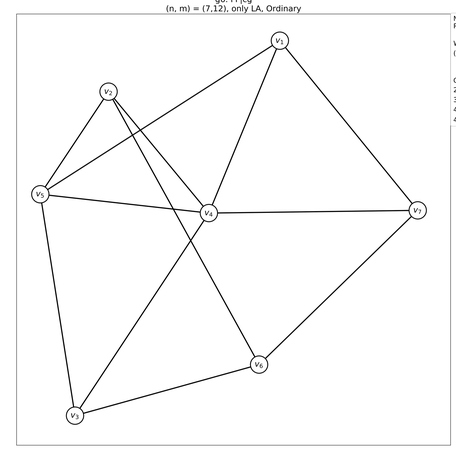


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7→1 3
2 7→1 2
3 4→3 7
4 7→4 5
5 7→5 6

g6: FF[cg
(n, m) = (7,12), only LA, Ordinary

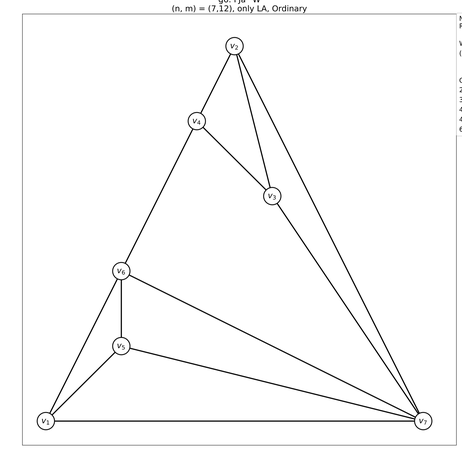


Non-Trivial Replacements

Weird
(none)

Ordinary
2 5→1 2
3 5→1 3
4 5→4 6
4 7→5 7

g6: FJa^W
(n, m) = (7,12), only LA, Ordinary

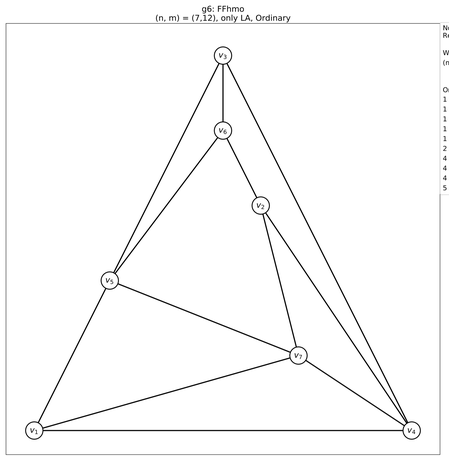


Non-Trivial Replacements

Weird
(none)

Ordinary
2 7→2 6
3 7→3 6
4 6→1 4
4 6→4 5
6 7→4 7

g6: FFhmo
(n, m) = (7,12), only LA, Ordinary

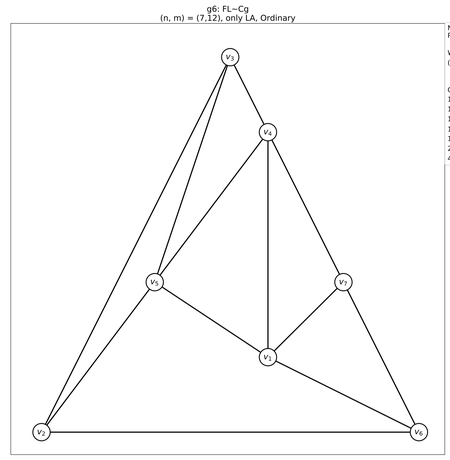


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4→1 2
1 4→1 3
1 4→1 6
1 5→1 3
1 7→1 3
2 7→1 2
4 7→1 2
4 7→2 3
4 7→4 6
5 7→6 7

g6: FL~Cg
(n, m) = (7,12), only LA, Ordinary

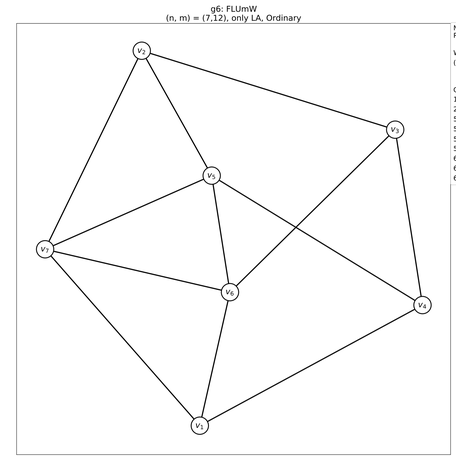


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4→1 2
1 5→1 3
1 5→3 7
1 5→5 7
1 6→3 6
2 5→2 7
4 5→5 6

g6: FLUmW
(n, m) = (7,12), only LA, Ordinary

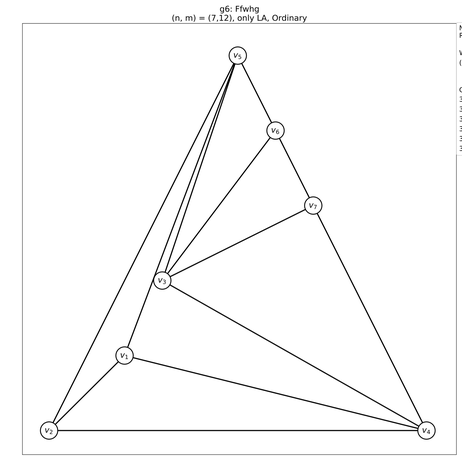


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6→1 2
2 5→1 2
5 6→1 2
5 7→1 3
5 7→1 5
5 7→3 7
6 7→2 4
6 7→2 6
6 7→4 7

g6: Ffwhg
(n, m) = (7,12), only LA, Ordinary

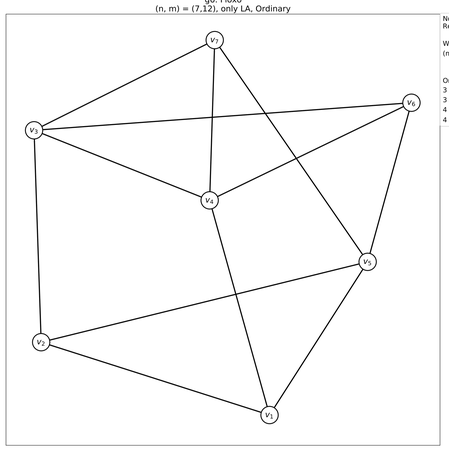


Non-Trivial Replacements

Weird
(none)

Ordinary
3 4→1 7
3 4→2 7
3 4→4 6
3 5→1 6
3 5→2 6
3 5→5 7

g6: Floxo
(n, m) = (7,12), only LA, Ordinary

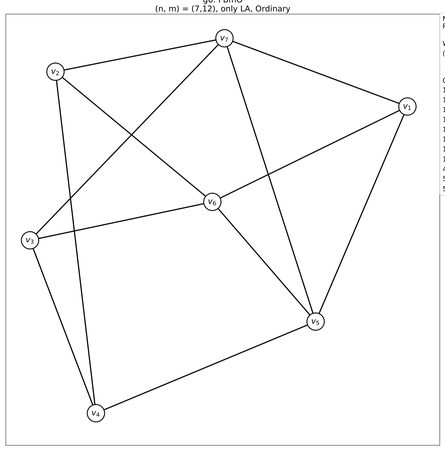


Non-Trivial Replacements

Weird
(none)

Ordinary
3 6 → 2 6
3 7 → 2 7
4 6 → 1 6
4 7 → 1 7

g6: FBfnO
(n, m) = (7,12), only LA, Ordinary

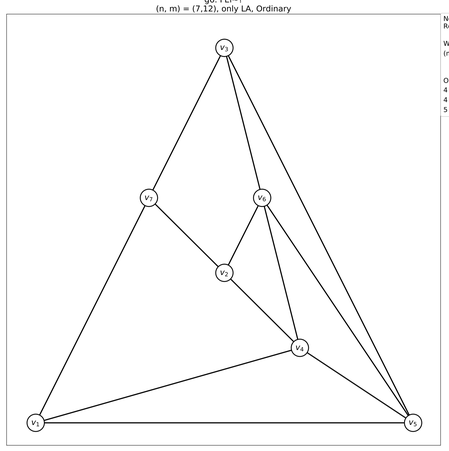


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 2
1 5 → 1 3
1 6 → 1 2
1 6 → 1 3
1 6 → 1 4
1 7 → 1 2
1 7 → 1 3
1 7 → 1 4
4 5 → 1 4
5 6 → 1 4
5 7 → 1 4

g6: FEl~?
(n, m) = (7,12), only LA, Ordinary

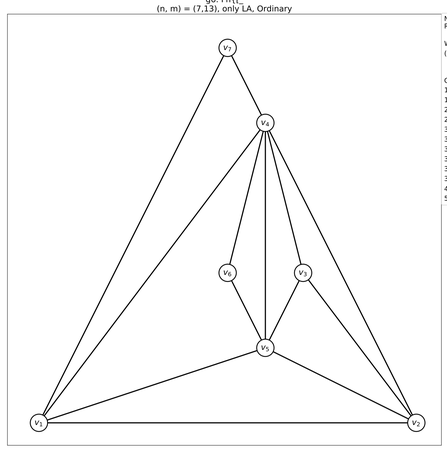


Non-Trivial Replacements

Weird
(none)

Ordinary
4 5 → 2 3
4 6 → 1 3
5 6 → 1 2

g6: Fn{[_
(n, m) = (7,13), only LA, Ordinary

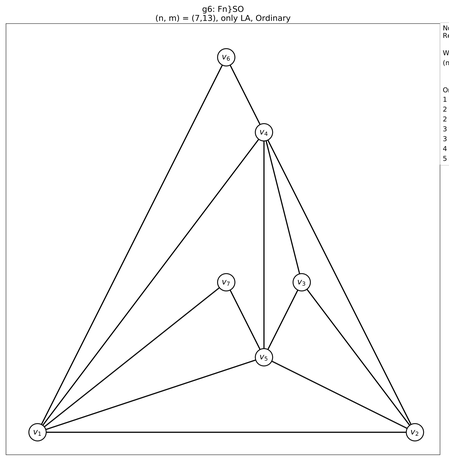


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 7 → 3 7
2 3 → 2 6
2 5 → 1 3
3 4 → 5 7
3 5 → 1 3
3 5 → 1 6
3 5 → 2 6
3 5 → 2 7
3 5 → 5 7
4 7 → 5 7
5 6 → 2 6

g6: Fn}SO
(n, m) = (7,13), only LA, Ordinary

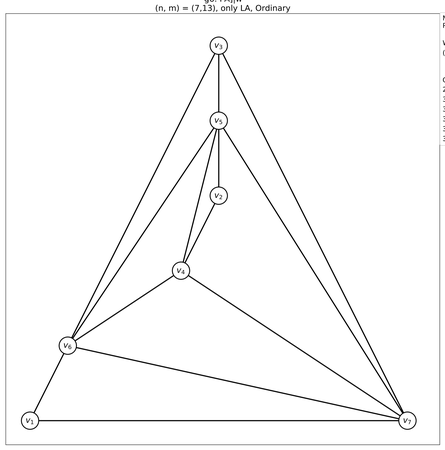


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
2 3 → 2 6
2 3 → 2 7
3 4 → 2 6
3 5 → 2 7
4 6 → 2 6
5 7 → 2 7

g6: FA]lw
(n, m) = (7,13), only LA, Ordinary

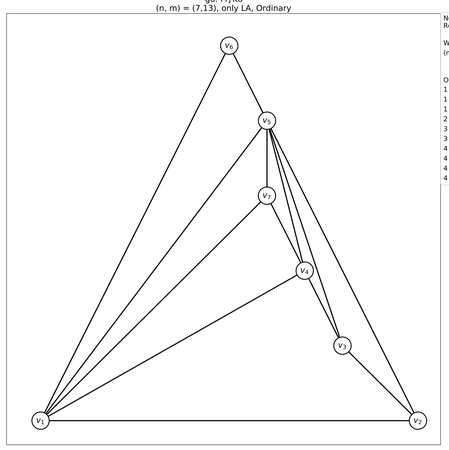


Non-Trivial Replacements

Weird
(none)

Ordinary
2 4 → 2 3
3 5 → 1 4
3 5 → 1 5
3 5 → 3 4
3 6 → 3 4
3 7 → 3 4

g6: Fl}Ko
(n, m) = (7,13), only LA, Ordinary

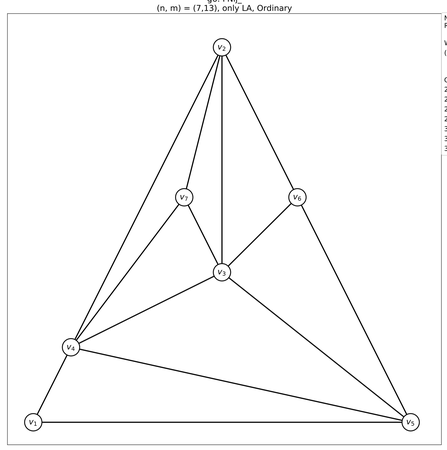


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 3
1 6 → 4 6
1 7 → 4 6
2 3 → 3 6
3 4 → 3 7
3 5 → 1 3
4 5 → 1 3
4 7 → 2 6
4 7 → 2 7
4 7 → 4 6

g6: FNl_
(n, m) = (7,13), only LA, Ordinary

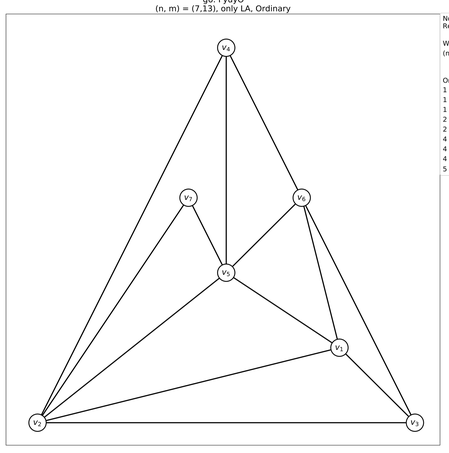


Non-Trivial Replacements

Weird
(none)

Ordinary
2 4 → 2 5
2 6 → 1 2
2 6 → 1 7
2 6 → 6 7
3 4 → 2 5
3 5 → 2 5
3 7 → 1 3

g6: FyuyO
(n, m) = (7,13), only LA, Ordinary

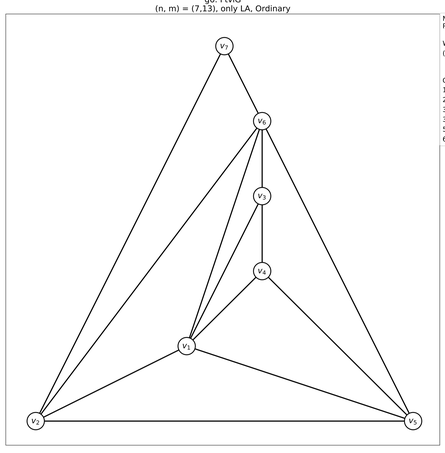


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 3 4
1 5 → 3 5
1 6 → 3 4
2 4 → 6 7
2 7 → 6 7
4 6 → 3 4
4 6 → 3 7
4 6 → 6 7
5 7 → 1 7

g6: FtviG
(n, m) = (7,13), only LA, Ordinary

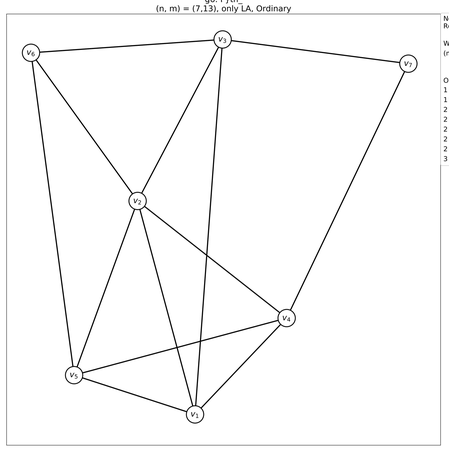


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3 → 3 5
2 5 → 2 3
3 4 → 3 7
3 6 → 2 3
5 6 → 2 3
6 7 → 5 7

g6: F}th_
(n, m) = (7,13), only LA, Ordinary

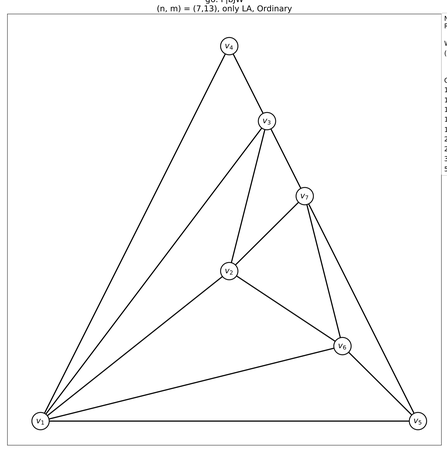


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 4 6
1 5 → 1 6
2 3 → 3 5
2 5 → 1 6
2 6 → 1 6
2 6 → 1 7
2 6 → 2 7
3 7 → 6 7

g6: FIbJW
(n, m) = (7,13), only LA, Ordinary

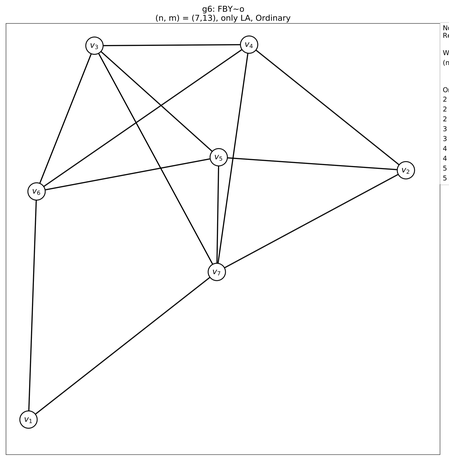


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 3 5
1 4 → 4 7
1 5 → 3 5
1 5 → 4 6
1 5 → 4 7
2 3 → 3 5
2 6 → 2 5
3 4 → 4 5
5 7 → 4 7

g6: FBY~o
(n, m) = (7,13), only LA, Ordinary

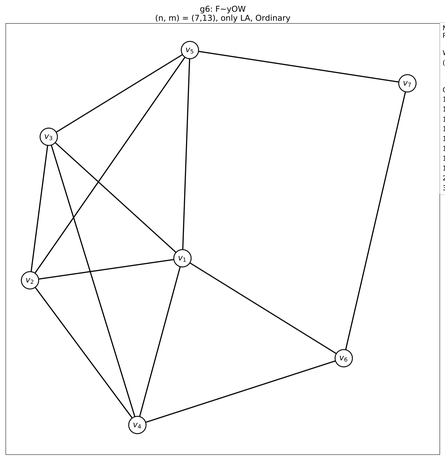


Non-Trivial Replacements

Weird
(none)

Ordinary
2 7 → 1 4
2 7 → 1 5
2 7 → 2 6
3 6 → 2 6
3 7 → 2 6
4 6 → 2 6
4 7 → 2 6
5 6 → 2 6
5 7 → 2 6

g6: F~yOW
(n, m) = (7,13), only LA, Ordinary

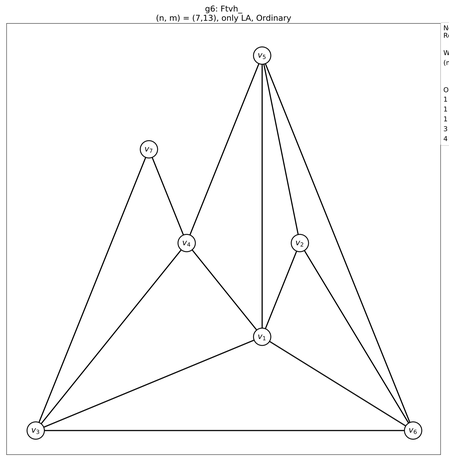


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 2 6
1 5 → 3 6
1 5 → 4 5
1 6 → 1 7
1 6 → 2 6
1 6 → 2 7
1 6 → 3 6
1 6 → 3 7
2 5 → 2 6
3 5 → 3 6

g6: Ftvh
(n, m) = (7,13), only LA, Ordinary

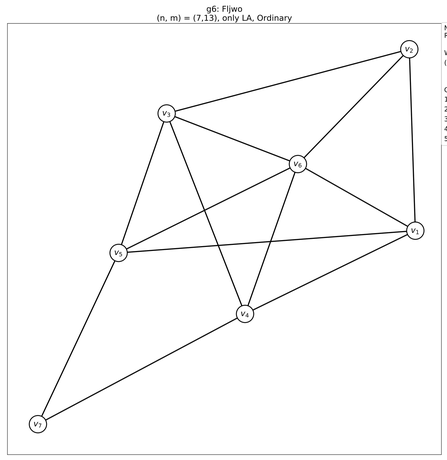


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 7
1 3 → 3 5
1 4 → 4 6
3 6 → 2 3
4 5 → 2 4

g6: Fljwo
(n, m) = (7,13), only LA, Ordinary

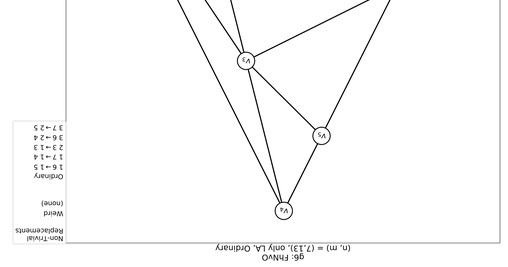


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 3
2 6 → 6 7
3 6 → 1 3
4 7 → 2 7
5 7 → 2 7

g6: FNVO
(n, m) = (7,13), only LA, Ordinary

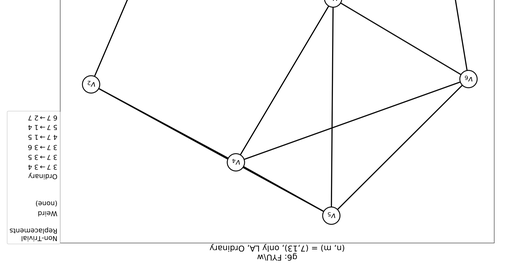


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 6 → 1 5
1 7 → 1 4
2 3 → 1 3
3 6 → 2 4
3 7 → 2 5

g6: FVLw
(n, m) = (7,13), only LA, Ordinary

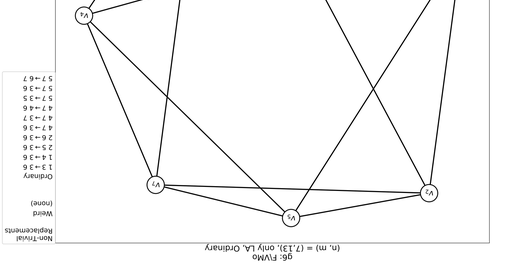


Non-Trivial
Replacements

Weird
(none)

Ordinary
3 7 → 3 4
5 7 → 1 4
3 7 → 3 6
4 7 → 1 5
6 7 → 2 7

g6: F\Wo
(n, m) = (7,13), only LA, Ordinary

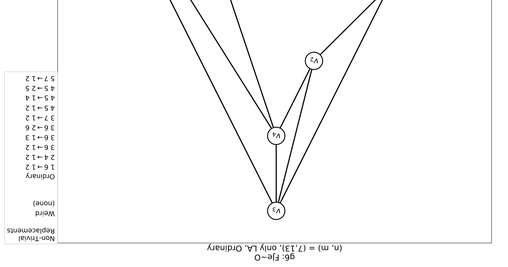


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 3 → 3 6
1 6 → 2 5
2 5 → 3 6
2 6 → 3 6
4 7 → 2 6
4 7 → 3 7
4 7 → 4 6
5 7 → 2 5
5 7 → 3 5
5 7 → 6 7

g6: F\e~O
(n, m) = (7,13), only LA, Ordinary

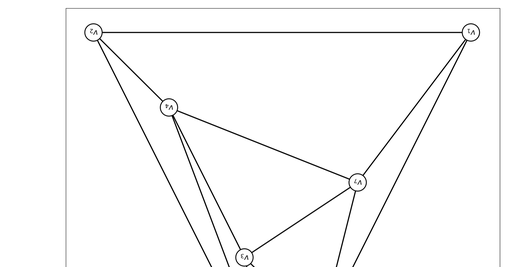


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 6 → 1 2
2 4 → 1 2
2 6 → 1 2
3 6 → 1 3
3 6 → 1 2
3 7 → 1 2
4 5 → 1 2
4 5 → 1 4
4 5 → 2 5
5 7 → 1 2

g6: FbIg
(n, m) = (7,13), only LA, Ordinary

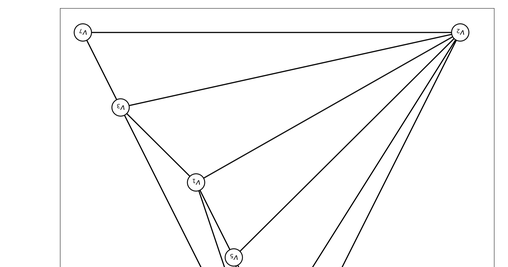


Non-Trivial
Replacements

Weird
(none)

Ordinary
4 5 → 1 4
4 5 → 1 5
6 7 → 2 6
6 7 → 2 7

g6: FYvz?
(n, m) = (7,14), only LA, Ordinary

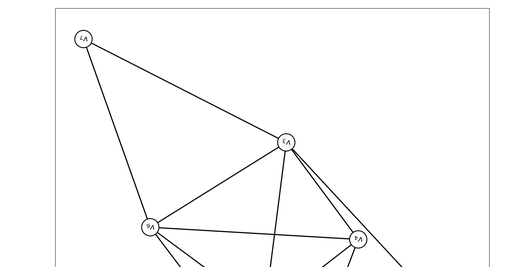


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 3 → 3 4
2 4 → 6 7
1 5 → 1 4
2 7 → 6 7
3 7 → 4 7
4 6 → 1 7
4 6 → 1 4
4 6 → 6 7
5 6 → 1 4

g6: FzIxG
(n, m) = (7,14), only LA, Ordinary

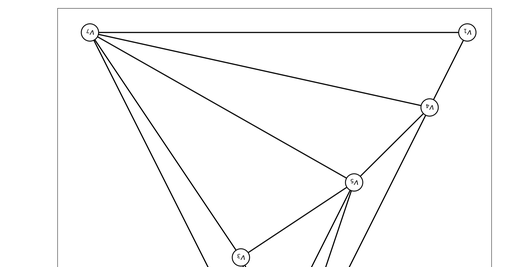


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 2 → 1 4
1 3 → 3 7
1 3 → 5 7
2 3 → 3 5
3 7 → 5 7
4 5 → 1 4
4 6 → 1 6
6 7 → 4 7

g6: FXl\w
(n, m) = (7,14), only LA, Ordinary

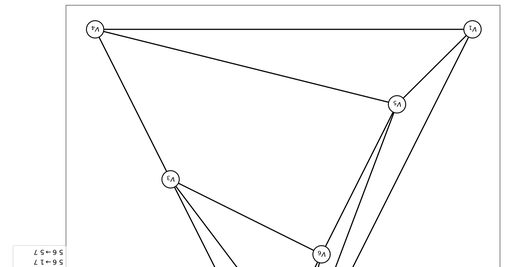


Non-Trivial
Replacements

Weird
(none)

Ordinary
2 5 → 1 5
3 7 → 2 4
2 6 → 1 6
3 7 → 2 7
3 7 → 3 4
4 5 → 3 4
4 6 → 3 4
5 7 → 3 4
6 7 → 3 4

g6: FbIG
(n, m) = (7,13), only LA, Ordinary

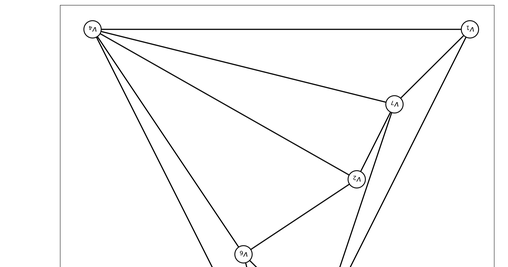


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 2 → 1 6
2 3 → 2 4
2 5 → 1 6
2 5 → 2 4
2 5 → 3 5
2 5 → 4 6
2 6 → 2 4
3 4 → 4 7
5 6 → 1 6
5 6 → 1 7
5 6 → 5 7

g6: FYv?o
(n, m) = (7,13), only LA, Ordinary

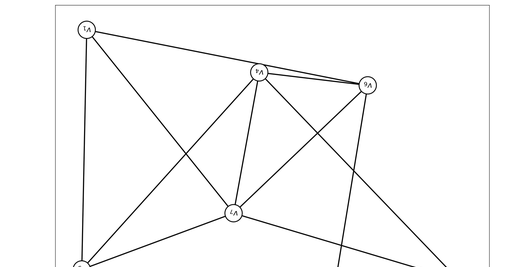


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 4 → 1 6
2 4 → 2 5
2 6 → 2 3
2 7 → 1 2
3 4 → 3 7

g6: FHV?w
(n, m) = (7,13), only LA, Ordinary

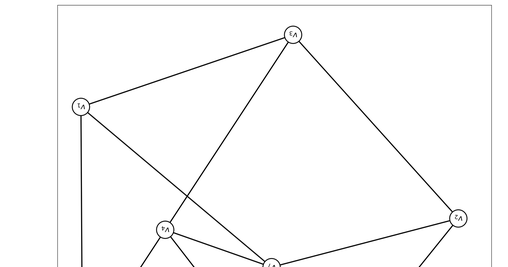


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 5 → 1 3
1 5 → 1 4
1 6 → 1 3
1 7 → 1 4
3 4 → 1 3
4 5 → 1 3
4 6 → 1 3
4 7 → 2 7
5 7 → 2 7
6 7 → 2 7

g6: FXU]w
(n, m) = (7,13), only LA, Ordinary

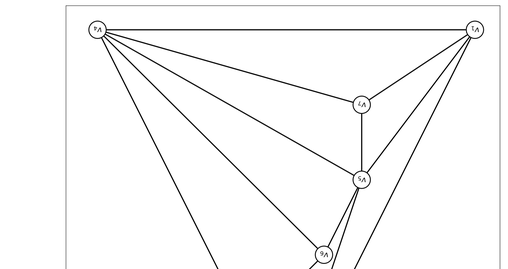


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 7 → 1 5
2 7 → 2 6
4 5 → 1 5
4 6 → 2 6
4 7 → 2 6
4 7 → 1 5
5 7 → 1 4
6 7 → 2 4

g6: F5f:O
(n, m) = (7,13), only LA, Ordinary

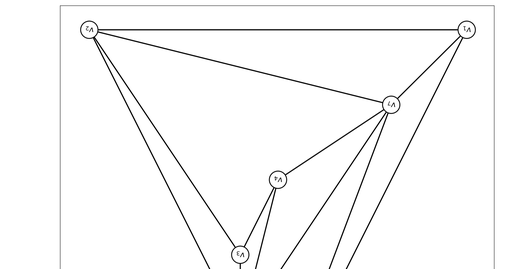


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 2 → 2 7
1 5 → 1 4
2 3 → 1 5
1 7 → 4 7
3 4 → 1 3
5 6 → 1 6

g6: F}Y_w
(n, m) = (7,13), only LA, Ordinary

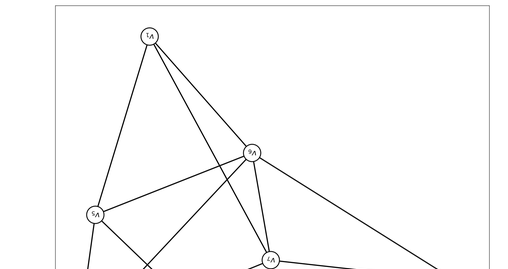


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 2 → 1 4
2 3 → 2 5
3 7 → 3 4
5 7 → 1 4
4 6 → 2 4
5 7 → 2 5

g6: F@ymg
(n, m) = (7,13), only LA, Ordinary

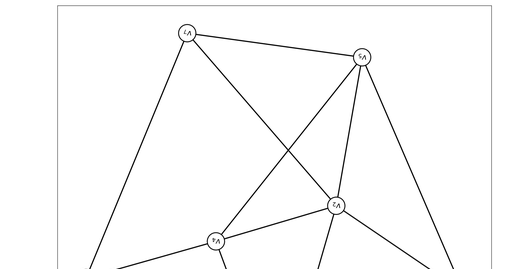


Non-Trivial
Replacements

Weird
(none)

Ordinary
1 5 → 1 4
2 2 → 2 4
2 3 → 3 6
3 7 → 3 5
4 7 → 3 7
5 7 → 2 5
5 7 → 4 6
6 7 → 5 7

g6: F^TmO
(n, m) = (7,13), only LA, Ordinary



Non-Trivial
Replacements

Weird
(none)

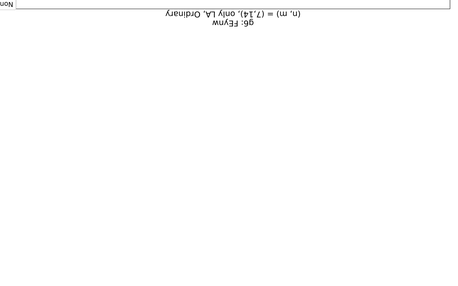
Ordinary
1 4 → 1 6
2 3 → 1 2
2 3 → 1 5
2 3 → 3 5
2 5 → 4 7
2 6 → 4 6
3 4 → 3 7
4 5 → 2 5
5 6 → 4 5
5 7 → 6 7

g6: FEYnw
(n, m) = (7,14), only LA, Ordinary

Non-Trivial
Replacements
(none)

Weird
(none)

Ordinary
1 7 → 1 3
2 6 → 2 3
5 6 → 4 5
4 7 → 4 5
4 6 → 1 6
5 7 → 2 7
6 7 → 4 5

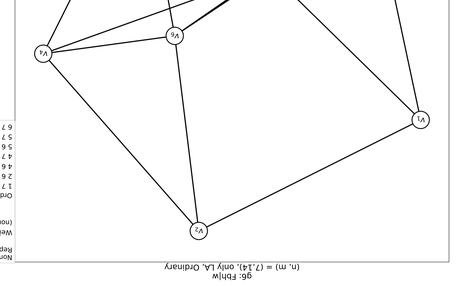


g6: FbhlW
(n, m) = (7,14), only LA, Ordinary

Non-Trivial
Replacements
(none)

Weird
(none)

Ordinary
1 7 → 1 3
2 6 → 2 3
5 6 → 4 5
4 7 → 4 5
4 6 → 1 6
5 7 → 2 7
6 7 → 4 5

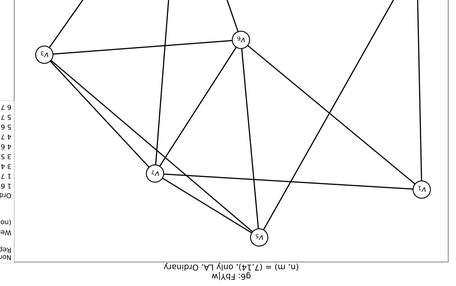


g6: F2M
(n, m) = (7,14), only LA, Ordinary

Non-Trivial
Replacements
(none)

Weird
(none)

Ordinary
1 6 → 1 3
1 7 → 1 3
3 4 → 1 3
3 5 → 1 3
4 6 → 1 3
4 7 → 1 3
5 6 → 1 3
5 7 → 1 3
6 7 → 4 5

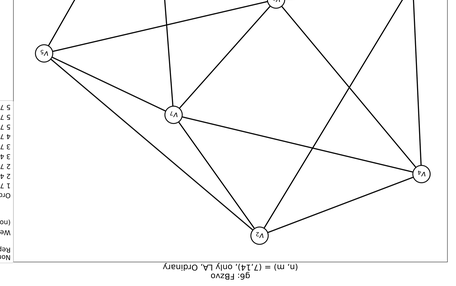


g6: FBzvo
(n, m) = (7,14), only LA, Ordinary

Non-Trivial
Replacements
(none)

Weird
(none)

Ordinary
1 7 → 1 4
2 7 → 1 4
2 7 → 4 6
3 4 → 1 4
3 7 → 1 4
4 6 → 4 5
5 7 → 1 2
5 7 → 1 3
5 7 → 2 6

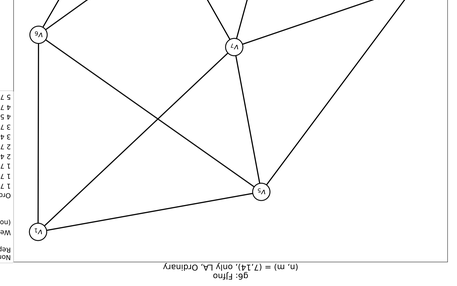


g6: FJfno
(n, m) = (7,14), only LA, Ordinary

Non-Trivial
Replacements
(none)

Weird
(none)

Ordinary
1 7 → 1 2
1 7 → 1 4
2 4 → 1 4
2 7 → 1 4
3 4 → 1 4
3 7 → 1 4
4 5 → 1 4
4 7 → 4 6
5 7 → 1 4



g6: FEvnw
(n, m) = (7,14), only LA, Ordinary

Non-Trivial
Replacements
(none)

Weird
(none)

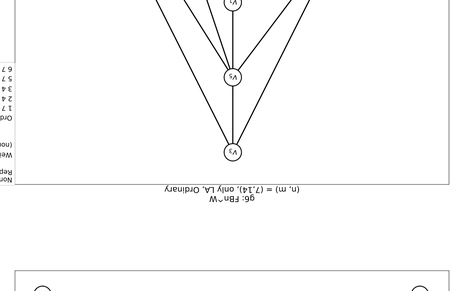
Ordinary
1 4 → 3 4
1 5 → 2 6
1 6 → 2 3
1 6 → 1 3
2 5 → 2 6
3 5 → 1 3
4 7 → 4 5
5 6 → 1 2
5 6 → 1 3
5 6 → 4 5
6 7 → 4 5

g6: FBn^W
(n, m) = (7,14), only LA, Ordinary

Non-Trivial
Replacements
(none)

Weird
(none)

Ordinary
1 7 → 1 4
2 4 → 2 3
3 4 → 2 3
2 6 → 1 4
5 7 → 4 7
6 7 → 4 7

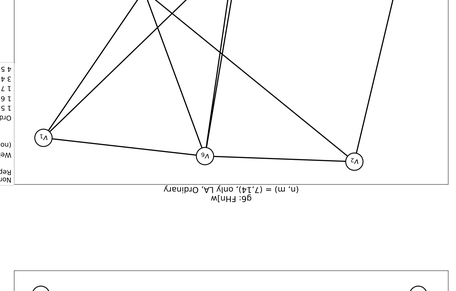


g6: FHn|w
(n, m) = (7,14), only LA, Ordinary

Non-Trivial
Replacements
(none)

Weird
(none)

Ordinary
1 5 → 1 4
1 6 → 1 4
1 7 → 1 4
3 4 → 1 3
4 5 → 2 5

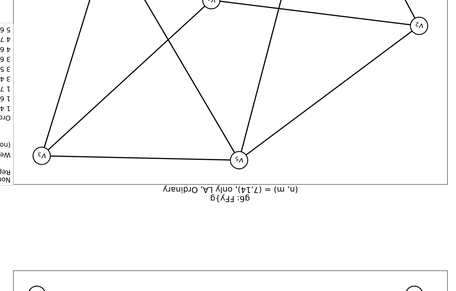


g6: FFY}Q
(n, m) = (7,14), only LA, Ordinary

Non-Trivial
Replacements
(none)

Weird
(none)

Ordinary
1 4 → 3 7
1 6 → 2 6
1 7 → 3 7
3 4 → 3 7
3 5 → 2 3
3 6 → 1 3
4 6 → 5 7
4 7 → 5 7
5 6 → 5 7

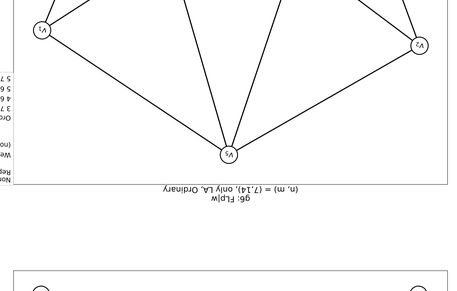


g6: FLP|w
(n, m) = (7,14), only LA, Ordinary

Non-Trivial
Replacements
(none)

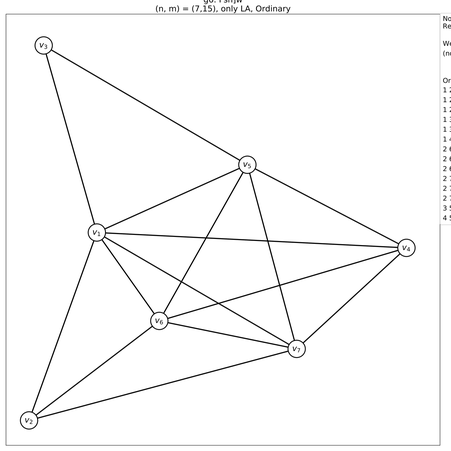
Weird
(none)

Ordinary
3 7 → 2 7
4 6 → 1 6
5 6 → 3 5
5 7 → 4 5



g6: FEY

g6: Fsn}w
(n, m) = (7,15), only LA, Ordinary

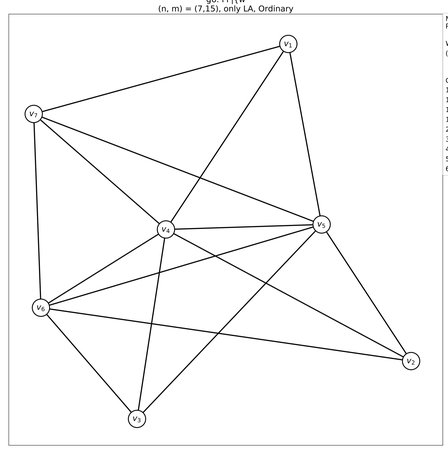


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 5
1 2 → 3 6
1 2 → 3 7
1 3 → 3 6
1 3 → 3 7
1 4 → 2 5
2 6 → 2 4
2 6 → 3 4
2 6 → 3 6
2 7 → 2 4
2 7 → 3 4
2 7 → 3 7
3 5 → 3 4
4 5 → 2 5

g6: FFl{w
(n, m) = (7,15), only LA, Ordinary

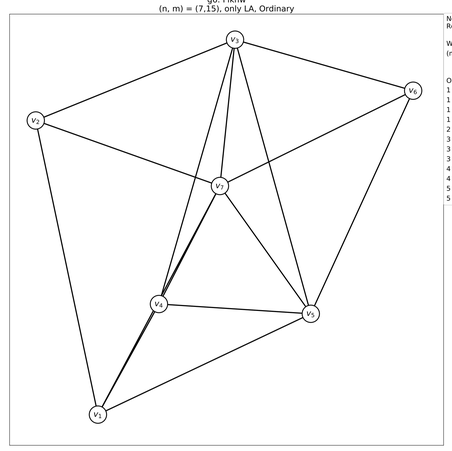


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 6
1 5 → 1 6
1 7 → 1 2
1 7 → 1 3
2 6 → 2 7
3 6 → 3 7
4 7 → 1 6
5 7 → 1 6
6 7 → 1 6

g6: Flknw
(n, m) = (7,15), only LA, Ordinary

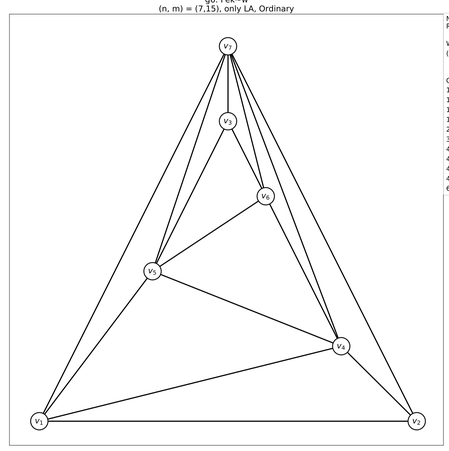


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 6
1 4 → 2 4
1 4 → 2 6
1 7 → 1 3
2 7 → 2 5
3 4 → 1 6
3 6 → 1 6
4 5 → 2 5
4 7 → 2 5
5 6 → 4 6
5 7 → 1 3

g6: Fek~w
(n, m) = (7,15), only LA, Ordinary

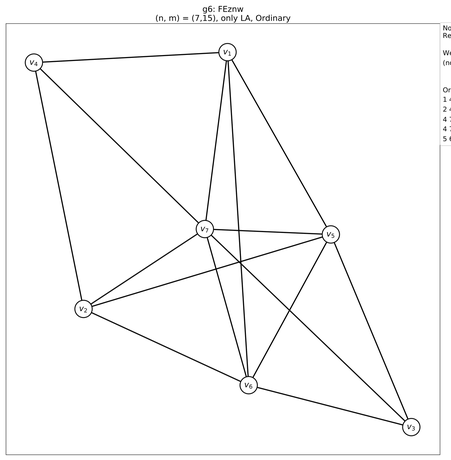


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 6
1 5 → 2 5
1 5 → 2 6
1 7 → 2 5
2 7 → 2 5
3 7 → 3 4
4 5 → 1 6
4 6 → 1 3
4 6 → 1 6
4 6 → 3 4
6 7 → 3 4

g6: FEznw
(n, m) = (7,15), only LA, Ordinary

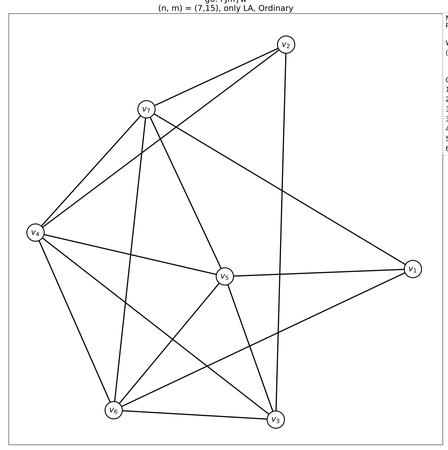


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 3 4
2 4 → 3 4
4 7 → 4 5
4 7 → 4 6
5 6 → 1 2

g6: Fjm}w
(n, m) = (7,15), only LA, Ordinary

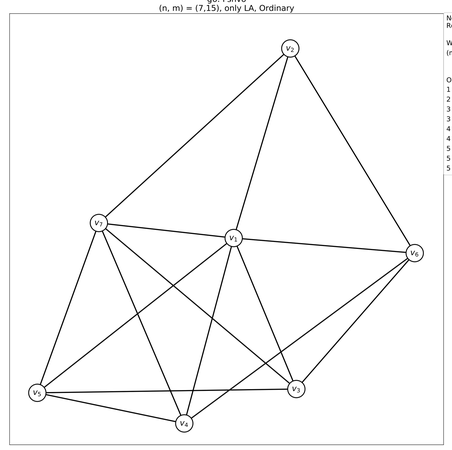


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 1 3
2 3 → 1 2
3 5 → 2 5
3 6 → 2 6
4 7 → 3 7
5 7 → 3 7
6 7 → 3 7

g6: Fsrvo
(n, m) = (7,15), only LA, Ordinary

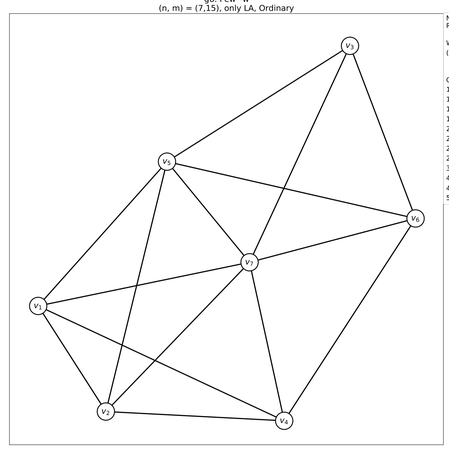


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 6 7
2 7 → 2 5
3 5 → 2 5
3 7 → 2 5
4 5 → 2 5
4 7 → 2 5
5 7 → 2 3
5 7 → 2 4
5 7 → 5 6

g6: Few~w
(n, m) = (7,15), only LA, Ordinary

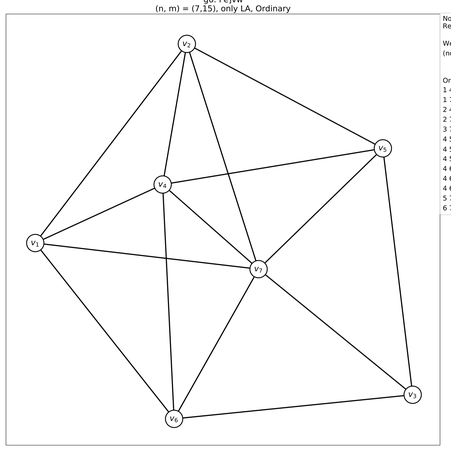


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 3 4
1 5 → 1 6
1 5 → 3 4
1 5 → 3 4
2 4 → 3 4
2 5 → 1 3
2 5 → 2 6
2 5 → 3 4
3 5 → 3 4
4 6 → 3 4
4 7 → 4 5
5 6 → 3 4

g6: Fejvw
(n, m) = (7,15), only LA, Ordinary

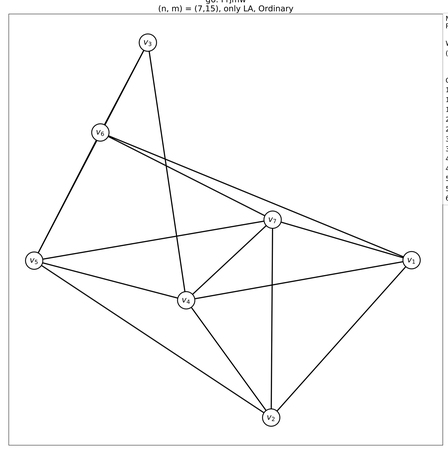


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 3 4
1 7 → 3 4
2 4 → 3 4
2 7 → 3 4
3 7 → 3 4
4 5 → 1 3
4 5 → 1 5
4 5 → 3 4
4 6 → 2 3
4 6 → 2 6
4 6 → 3 4
5 7 → 3 4
6 7 → 3 4

g6: Ffjmw
(n, m) = (7,15), only LA, Ordinary

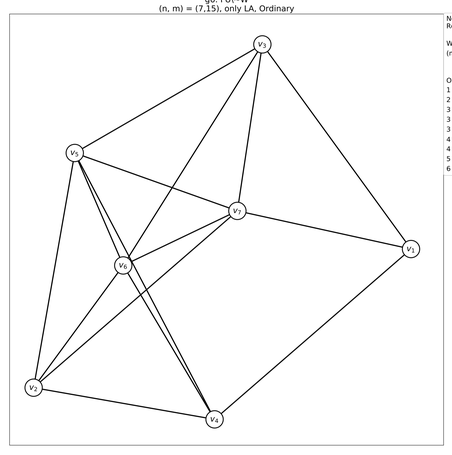


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 3
1 4 → 2 3
1 6 → 1 3
2 4 → 2 6
2 7 → 3 7
3 4 → 2 3
3 5 → 1 3
4 5 → 4 6
4 7 → 2 6
5 6 → 1 3
5 7 → 1 5
6 7 → 2 6

g6: FU\~W
(n, m) = (7,15), only LA, Ordinary

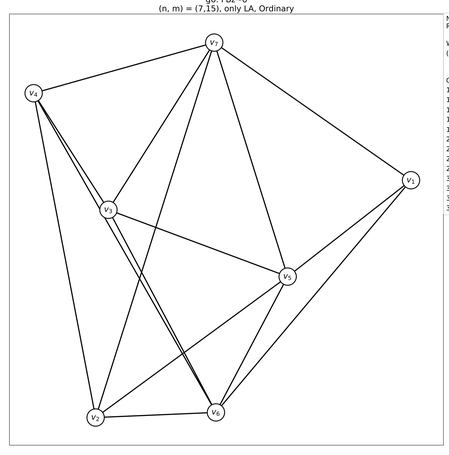


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 1 2
2 7 → 2 3
3 5 → 2 3
3 6 → 2 3
3 7 → 3 4
4 5 → 1 5
4 6 → 1 6
5 7 → 2 3
6 7 → 2 3

g6: FBz~o
(n, m) = (7,15), only LA, Ordinary

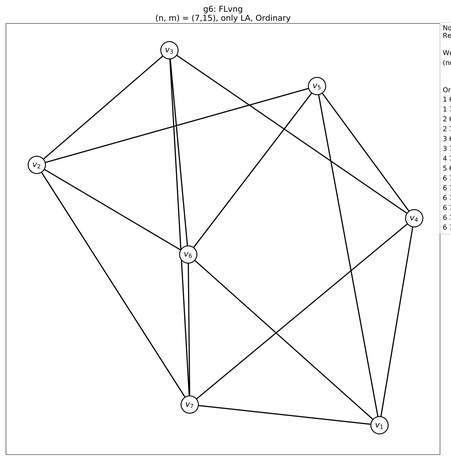


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 1 2
1 5 → 1 3
1 5 → 1 4
1 6 → 1 4
1 7 → 1 4
2 4 → 1 4
2 5 → 1 4
2 6 → 1 4
2 7 → 1 4
3 4 → 1 4
3 5 → 1 4
3 6 → 1 4
3 7 → 1 4

g6: FLvng
(n, m) = (7,15), only LA, Ordinary

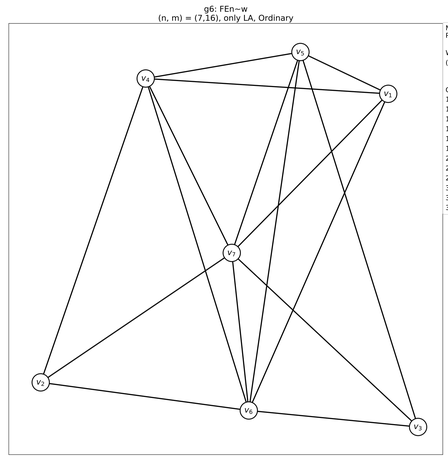


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 2
1 7 → 1 3
2 6 → 2 4
2 7 → 1 2
3 6 → 1 3
3 7 → 3 5
4 7 → 2 4
5 6 → 3 5
6 7 → 1 2
6 7 → 1 3
6 7 → 2 4
6 7 → 3 5
6 7 → 4 6
6 7 → 5 7

g6: FEn~w
(n, m) = (7,16), only LA, Ordinary

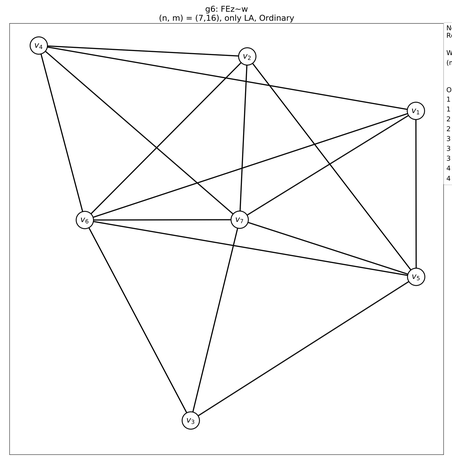


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 3 4
1 5 → 2 5
1 6 → 2 5
1 6 → 3 4
1 7 → 2 5
1 7 → 3 4
2 4 → 1 2
2 6 → 2 5
2 7 → 2 5
3 5 → 1 3
3 6 → 3 4
3 7 → 3 4

g6: FEz~w
(n, m) = (7,16), only LA, Ordinary

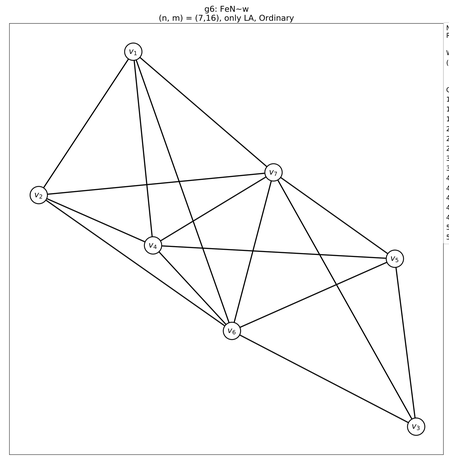


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 3 4
1 5 → 3 4
2 4 → 3 4
2 5 → 3 4
3 5 → 1 3
3 5 → 2 3
3 5 → 3 4
4 6 → 4 5
4 7 → 4 5

g6: FeN~w
(n, m) = (7,16), only LA, Ordinary

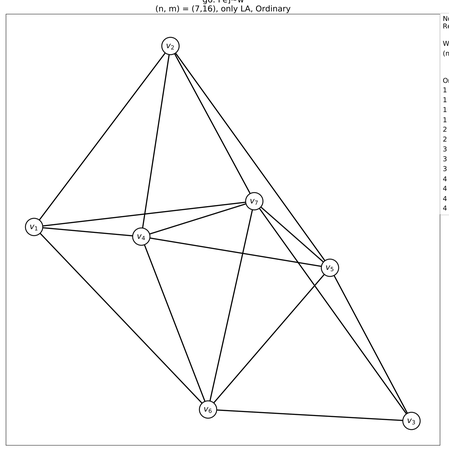


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 3 4
1 6 → 3 4
1 7 → 3 4
2 4 → 3 4
2 6 → 3 4
2 7 → 3 4
3 6 → 3 4
3 7 → 3 4
4 5 → 1 3
4 5 → 1 5
4 5 → 2 3
4 5 → 2 5
4 5 → 3 4
5 6 → 3 4
5 7 → 3 4

g6: Fe]~w
(n, m) = (7,16), only LA, Ordinary

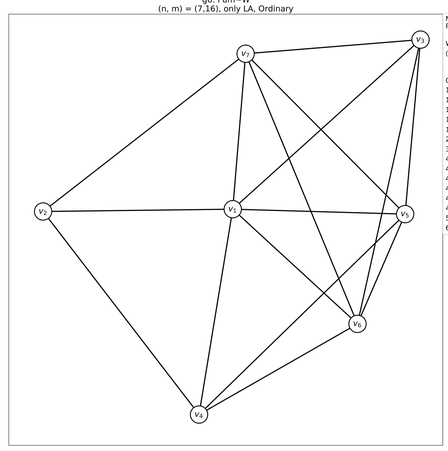


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 2 → 2 3
1 6 → 2 3
1 7 → 1 5
2 5 → 1 3
2 7 → 2 6
3 5 → 1 3
3 6 → 2 3
3 7 → 3 4
4 5 → 1 5
4 6 → 2 6
4 7 → 1 5
4 7 → 2 6

g6: Fum~W
(n, m) = (7,16), only LA, Ordinary

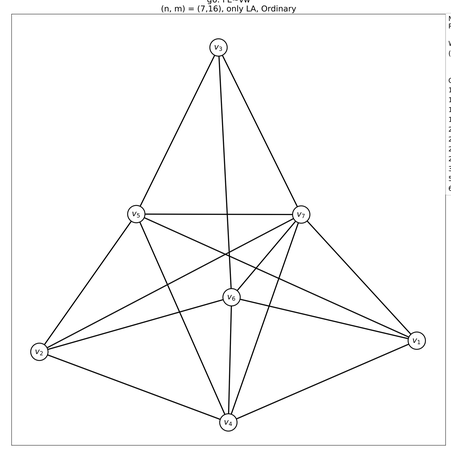


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 5
1 2 → 2 6
1 4 → 2 5
1 4 → 2 6
1 4 → 4 7
2 7 → 2 3
3 7 → 3 4
4 5 → 2 3
4 5 → 2 5
4 5 → 3 4
4 6 → 2 3
4 6 → 2 6
4 6 → 3 4
5 7 → 3 4
6 7 → 3 4

g6: FE~vw
(n, m) = (7,16), only LA, Ordinary

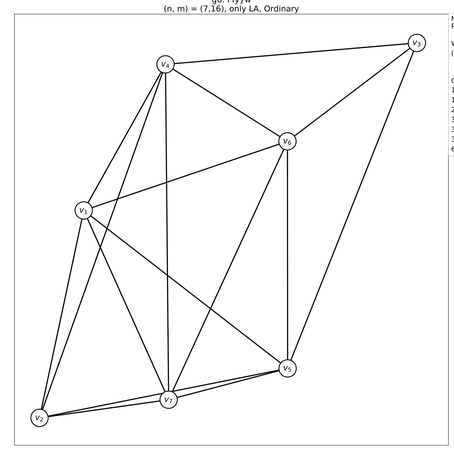


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 2
1 4 → 2 3
1 4 → 3 4
1 7 → 3 4
2 4 → 1 2
2 4 → 1 3
2 4 → 3 4
2 7 → 3 4
3 7 → 3 4
5 7 → 5 6
6 7 → 5 6

g6: Ff}w
(n, m) = (7,16), only LA, Ordinary

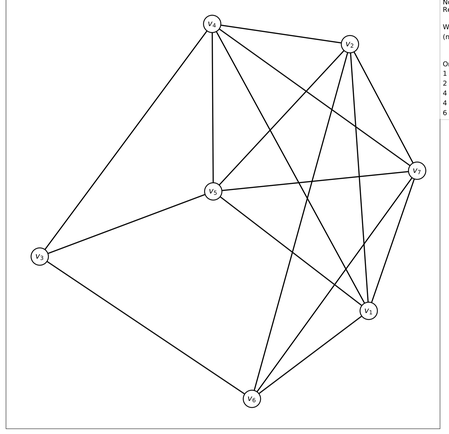


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 6 → 2 6
2 7 → 3 7
3 4 → 2 3
3 5 → 2 3
3 6 → 2 3
6 7 → 2 6

g6: Ff~ew
(n, m) = (7,16), only LA, Ordinary

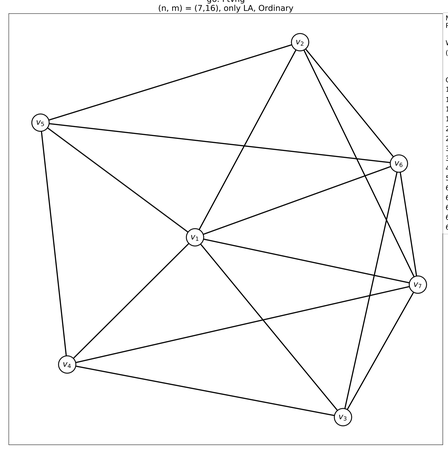


Non-Trivial Replacements

Weird
(none)

Ordinary
1 6 → 1 3
2 6 → 2 3
4 5 → 4 6
4 5 → 5 6
6 7 → 3 7

g6: Ftvng
(n, m) = (7,16), only LA, Ordinary

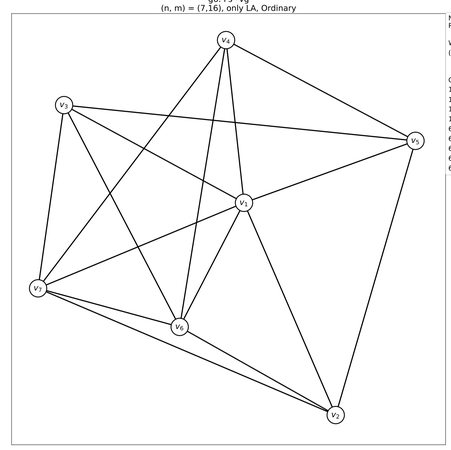


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 4 6
1 5 → 5 7
1 6 → 5 7
1 7 → 4 6
2 6 → 2 4
2 7 → 2 3
3 6 → 2 3
3 7 → 3 5
4 7 → 2 4
5 6 → 3 5
6 7 → 2 3
6 7 → 2 4
6 7 → 3 5
6 7 → 4 6
6 7 → 5 7

g6: Fs~vg
(n, m) = (7,16), only LA, Ordinary

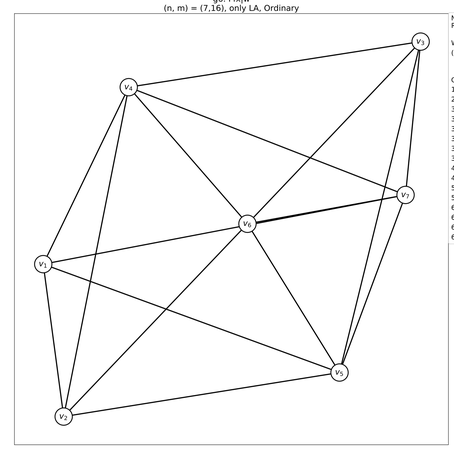


Non-Trivial Replacements

Weird
(none)

Ordinary
1 5 → 5 6
1 5 → 5 7
1 6 → 5 7
1 7 → 5 6
6 7 → 2 3
6 7 → 2 4
6 7 → 3 4
6 7 → 5 6
6 7 → 5 7

g6: Ffx]w
(n, m) = (7,16), only LA, Ordinary

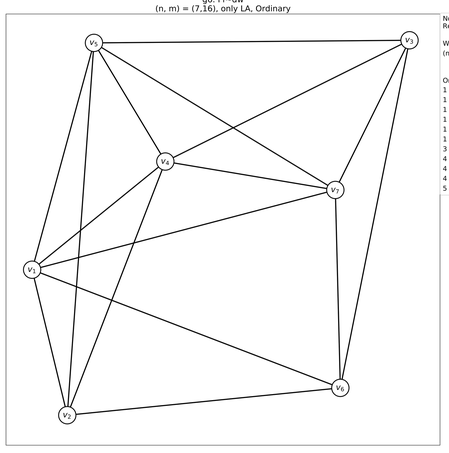


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7 → 1 3
2 6 → 2 3
3 4 → 1 3
3 4 → 2 3
3 5 → 1 3
3 5 → 2 3
3 6 → 1 3
3 7 → 2 3
4 6 → 2 3
4 7 → 1 3
5 6 → 2 3
5 7 → 1 3
6 7 → 1 3
6 7 → 1 6
6 7 → 2 3
6 7 → 2 7

g6: Ff~dw
(n, m) = (7,16), only LA, Ordinary

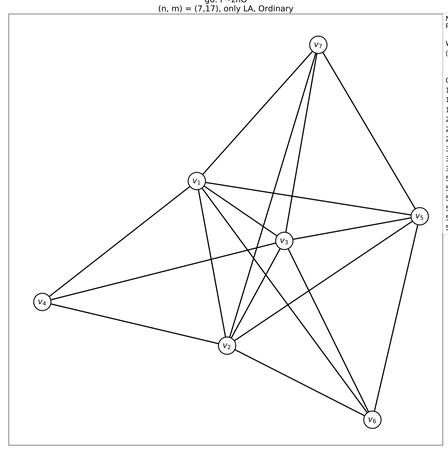


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 3
1 4 → 1 3
1 5 → 1 3
1 7 → 1 3
1 7 → 2 3
1 7 → 2 7
3 7 → 2 3
4 5 → 4 6
4 5 → 5 6
4 7 → 2 7
5 7 → 2 7

g6: F~znO
(n, m) = (7,17), only LA, Ordinary

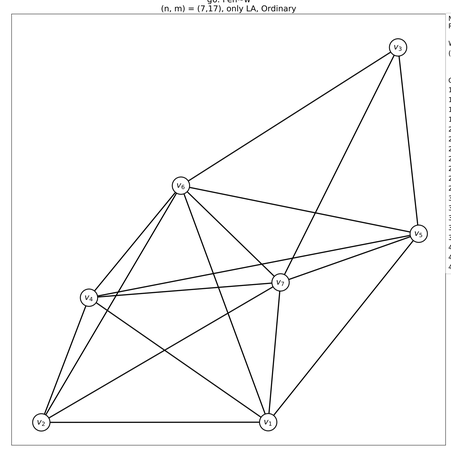


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 4 5
1 6 → 4 5
1 7 → 4 5
2 4 → 4 5
2 6 → 4 5
2 7 → 4 5
3 4 → 4 5
3 6 → 4 5
3 7 → 4 5
5 6 → 4 5
5 6 → 4 7
5 6 → 6 7
5 7 → 4 5
5 7 → 4 6
5 7 → 6 7

g6: Fen~w
(n, m) = (7,17), only LA, Ordinary

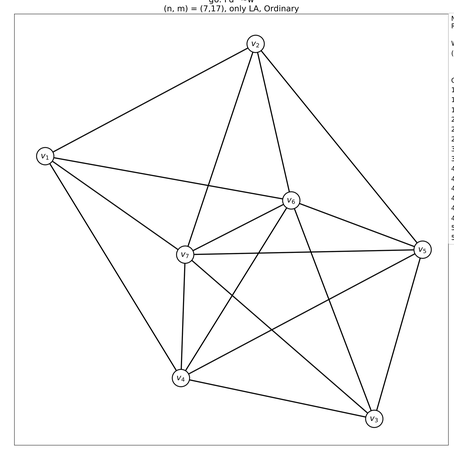


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 5 → 2 5
1 6 → 2 5
1 7 → 2 5
2 4 → 3 4
2 6 → 1 3
2 6 → 2 5
2 6 → 3 4
2 7 → 1 3
2 7 → 2 5
2 7 → 3 4
3 5 → 2 3
3 6 → 1 3
3 6 → 3 4
3 7 → 1 3
3 7 → 3 4
4 5 → 2 5
4 6 → 2 5
4 7 → 2 5

g6: Fd^~w
(n, m) = (7,17), only LA, Ordinary

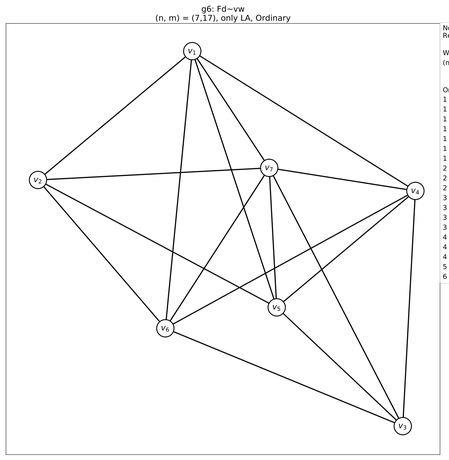


Non-Trivial Replacements

Weird
(none)

Ordinary
1 4 → 1 3
1 6 → 1 5
1 7 → 1 5
2 5 → 2 3
2 6 → 2 4
2 7 → 2 4
3 4 → 2 3
3 5 → 1 3
4 5 → 1 3
4 5 → 1 5
4 5 → 2 3
4 5 → 2 4
4 6 → 1 5
4 7 → 1 5
5 6 → 2 4
5 7 → 2 4

g6: Fd~vw
(n, m) = (7,17), only LA, Ordinary

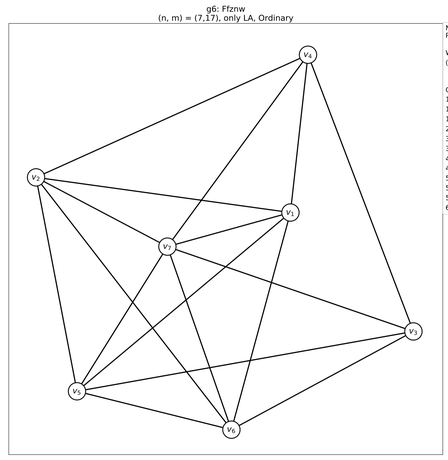


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 3
1 4 → 1 3
1 4 → 2 3
1 4 → 2 4
1 5 → 2 3
1 6 → 2 3
1 7 → 2 4
2 5 → 2 3
2 6 → 2 3
2 7 → 2 4
3 4 → 2 3
3 5 → 2 3
3 6 → 2 3
3 7 → 1 3
4 5 → 2 3
4 6 → 2 3
4 7 → 1 3
5 7 → 5 6
6 7 → 5 6

g6: Ffznw
(n, m) = (7,17), only LA, Ordinary

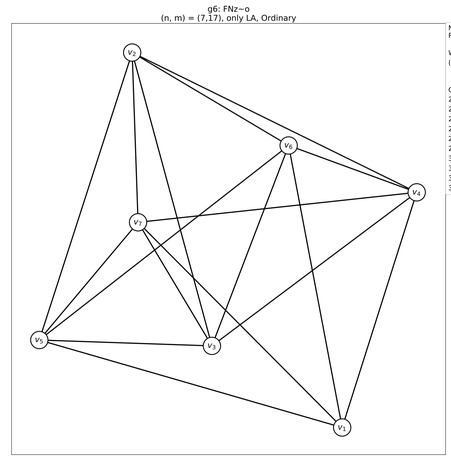


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 1 3
1 2 → 2 3
1 7 → 2 3
2 7 → 1 3
3 7 → 1 3
3 7 → 2 3
4 7 → 4 5
4 7 → 4 6
5 6 → 4 5
5 6 → 4 6
5 7 → 4 6
6 7 → 4 5

g6: FNz~o
(n, m) = (7,17), only LA, Ordinary

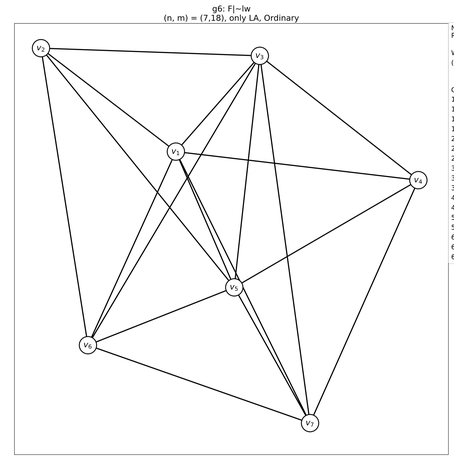


Non-Trivial Replacements

Weird
(none)

Ordinary
2 3 → 1 2
2 3 → 1 3
2 4 → 1 2
2 5 → 1 2
2 6 → 1 2
2 7 → 1 2
3 4 → 1 3
3 5 → 1 3
3 6 → 1 3
3 7 → 1 3

g6: Fl~lw
(n, m) = (7,18), only LA, Ordinary

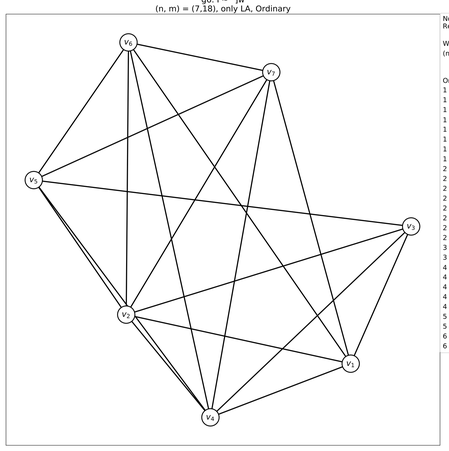


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2 → 2 7
1 4 → 4 6
1 6 → 2 7
1 7 → 4 6
2 3 → 2 7
2 5 → 2 7
2 6 → 2 4
3 4 → 4 6
3 6 → 2 7
3 7 → 4 6
4 5 → 4 6
4 7 → 2 4
5 6 → 2 7
5 7 → 4 6
6 7 → 2 4
6 7 → 2 7
6 7 → 4 6

g6: F~^]w
(n, m) = (7,18), only LA, Ordinary

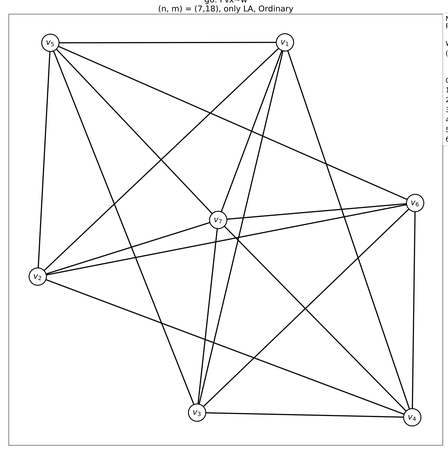


Non-Trivial Replacements

Weird
(none)

Ordinary
1 2→1 5
1 2→3 6
1 2→3 7
1 4→1 5
1 4→3 6
1 4→3 7
1 6→3 6
1 7→3 7
2 3→3 6
2 3→3 7
2 4→1 5
2 5→1 5
2 5→3 6
2 5→3 7
2 6→3 7
2 7→3 6
3 4→3 6
3 4→3 7
4 5→1 5
4 5→3 6
4 5→3 7
4 6→3 7
4 7→3 6
5 6→3 6
5 7→3 7
6 7→3 6
6 7→3 7

g6: Fvx~w
(n, m) = (7,18), only LA, Ordinary

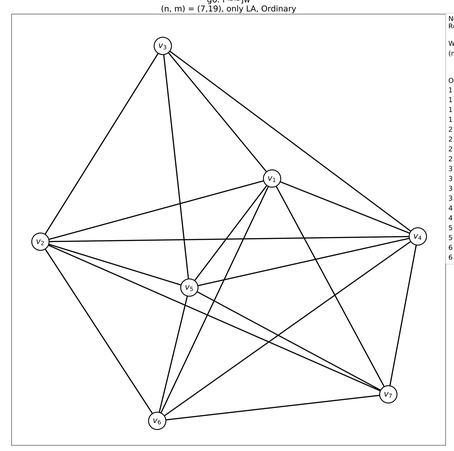


Non-Trivial Replacements

Weird
(none)

Ordinary
1 7→1 6
2 7→2 3
3 7→2 3
4 7→4 5
5 7→4 5
6 7→1 6

g6: F~~]w
(n, m) = (7,19), only LA, Ordinary

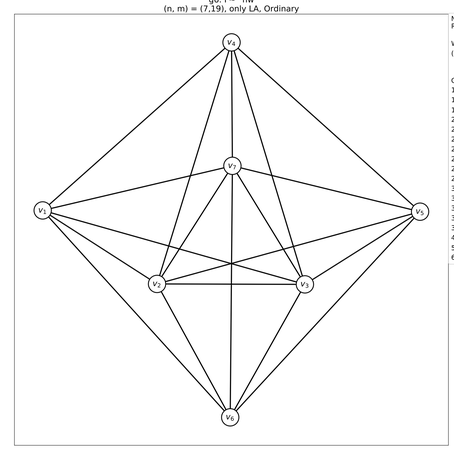


Non-Trivial Replacements

Weird
(none)

Ordinary
1 3→3 6
1 3→3 7
1 6→3 7
1 7→3 6
2 3→3 6
2 3→3 7
2 6→3 7
2 7→3 6
3 4→3 6
3 4→3 7
3 5→3 6
3 5→3 7
4 6→3 7
4 7→3 6
5 6→3 7
5 7→3 6
6 7→3 6
6 7→3 7

g6: F~^nw
(n, m) = (7,19), only LA, Ordinary



Non-Trivial Replacements

Weird
(none)

Ordinary
1 2→1 5
1 3→1 5
1 7→1 5
2 3→1 5
2 3→4 6
2 4→4 6
2 5→1 5
2 6→4 6
2 7→1 5
2 7→4 6
3 4→4 6
3 5→1 5
3 6→4 6
3 7→1 5
3 7→4 6
4 7→4 6
5 7→1 5
6 7→4 6

g6: F~^~w
(n, m) = (7,20), only LA, Ordinary

Non-Trivial Replacements

Weird
(none)

Ordinary
1 2→1 5
1 3→1 5
1 4→1 5
1 6→1 5
1 7→1 5
2 3→1 5
2 4→1 5
2 5→1 5
2 6→1 5
2 7→1 5
3 4→1 5
3 5→1 5
3 6→1 5
3 7→1 5
4 5→1 5
4 6→1 5
4 7→1 5
5 6→1 5
5 7→1 5
6 7→1 5

g6: F~~~w
(n, m) = (7,21), only LA, Ordinary

Non-Trivial Replacements

Weird
(none)

Ordinary
(none)