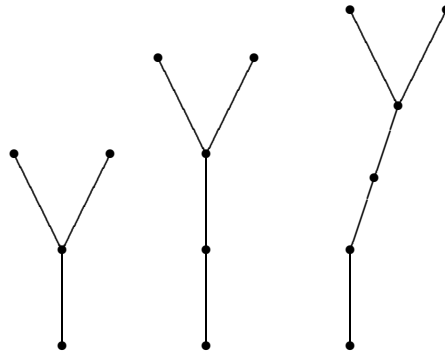


Select three or four of the games below for a match with the instructor or the assistant.

1. $G_1 = N(24; x, y, z, w)$, select at most two of these. You get to pick the values of the letters. Do not make them consecutive.
2. $G_2 = K(t)$; that is, Kayles with one string of t consecutive pins, your choice of t .
3. $G_3 = \text{Grundy}(r)$, again, you get to choose r .
4. $G_4 = W(u, v)$; Whytoff's game. Of course, you can choose u and v .
5. G_5 is Green Hackenbush with the landscape shown below:



6. G_6 is completely your choice. If you select this option, write down the rules carefully and present them before the match begins.

The contest game is

$$G_i \oplus G_j \oplus G_k \oplus G_l.$$