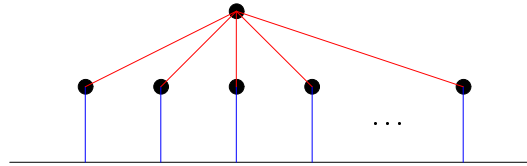
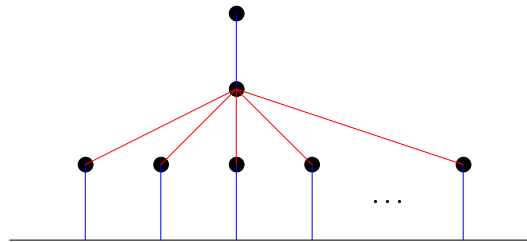


1. (a) Call  $f_n$  the value of the following Hackenbush position as a function of  $n$ , the number of legs. Determine  $f_n$  for small values of  $n$ . How far can you go?



- (b) How about this position?



- (c) Come up with an infinite series of Hackenbush positions of your own. See if you can find the first few values.