

Real Quiz 6

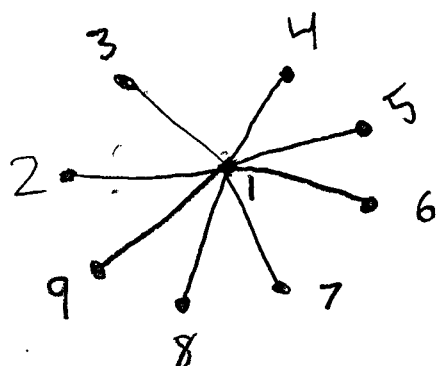
NAME: (print!) Jeff MacFarland

E-MAIL ADDRESS: (print!) jsm398@scarletmail.rutgers.edu

1. (4 points): Find the tree whose Prüfer code is

(1, 2, 3, 4, 5, 6, 7, 8, 9)

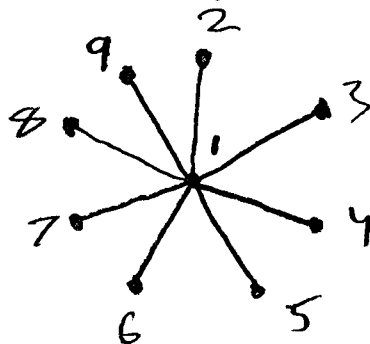
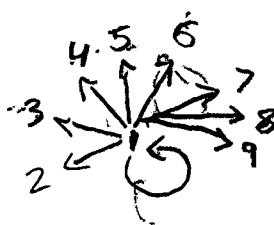
1111111 code of length 7 $\Rightarrow$ 9 nodes



2. (4 points): Find the doubly-rooted tree whose Joyal code is

(123456789)
111111111

Make sure to mark the primary root and the secondary root.



vertex 1 is both the primary
and secondary root (only node that
is part of a cycle in the intermediary
form)