

Name _____ Discrete II, Spring 2017, Quiz 4

1) Draw the binary tree representing the expression " $3 \cdot 7 + 4 \cdot 6$ "

2) Write the postfix form of the expression given by your tree in the previous problem.

3) In 2007 the Men's basketball tournament was a 65-team single-elimination tournament. After the teams are assigned, in how many ways can the tournament unfold?

4) Draw all nonisomorphic rooted binary trees with 3 vertices.