Binomial Coefficient Worksheet

Draw the recursion tree for computing $inom{5}{2}$)based on the Pascal recurrence and answer the
questions below.	

- 1. Use the tree to determine how many calls would a recursive algorithm make to compute $\binom{5}{2}$
- 2. Can you deduce from this a closed formula to determine the number of calls to compute $\binom{n}{k}$