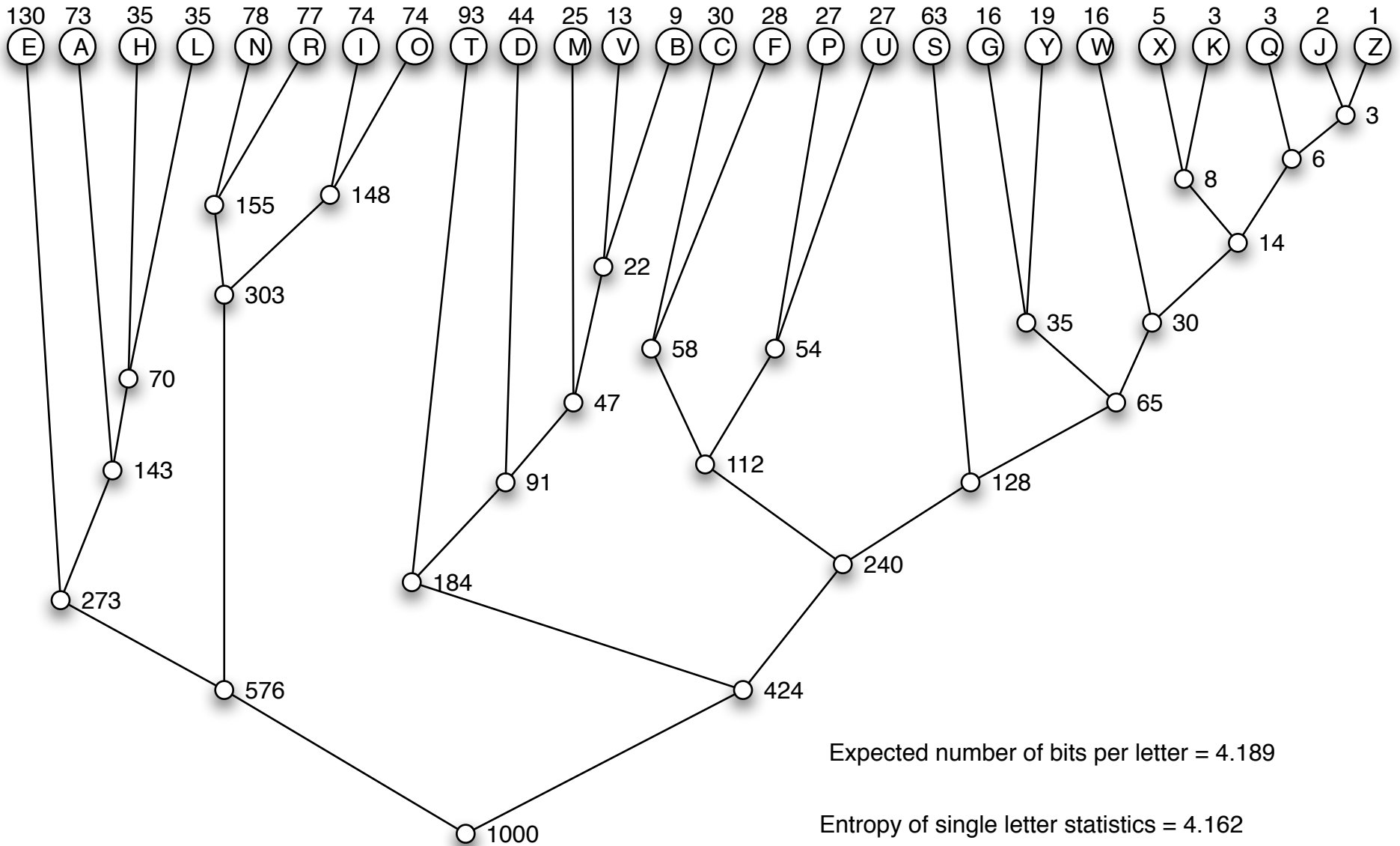
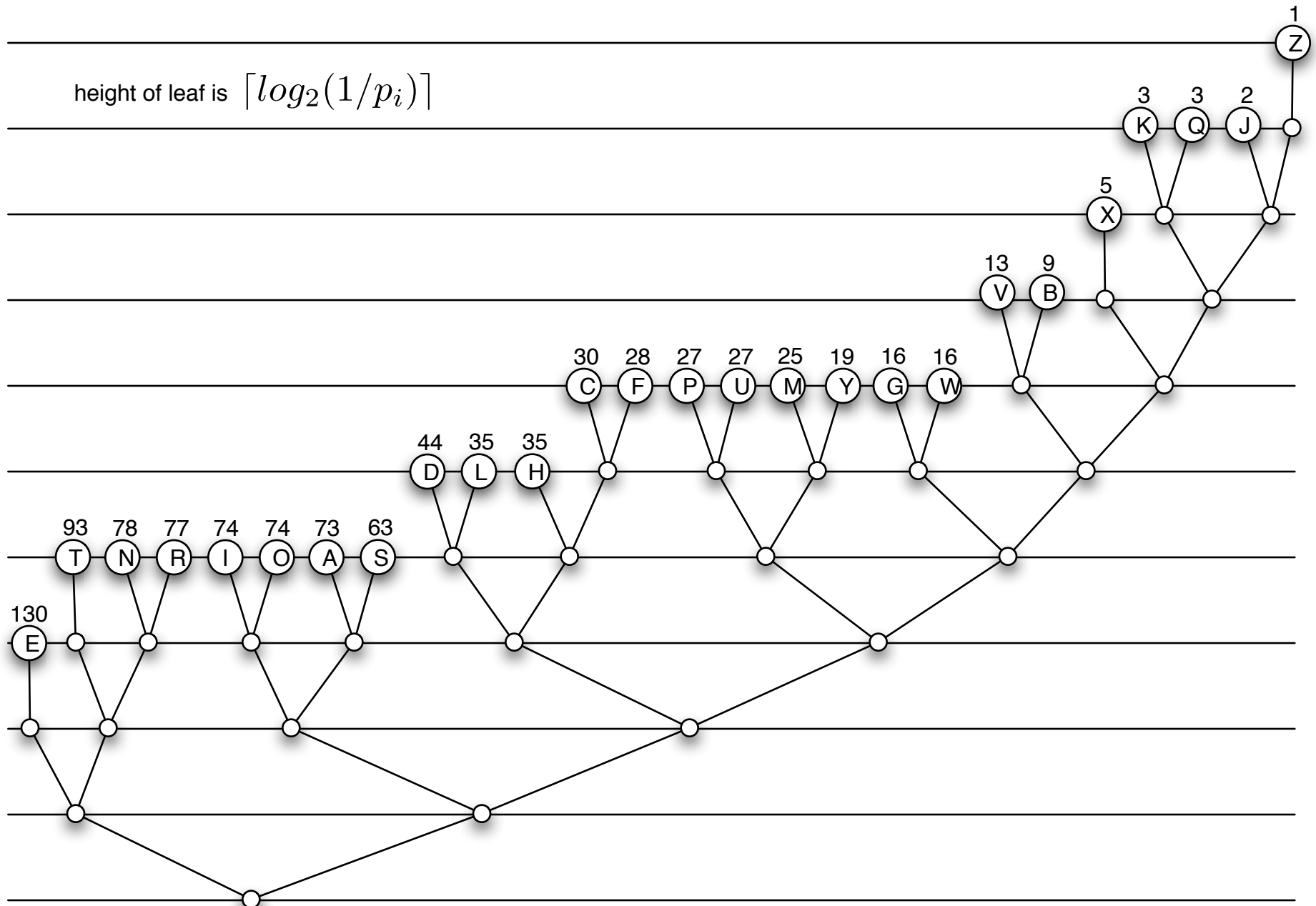


$$\frac{4N_A + 5N_B + 5N_C + \dots + 5N_Z}{1000} \simeq 4.478$$

# Huffman tree for English based on single letter statistics



# English single letter statistics tree from heights



# English single letter statistics tree from heights

with trimmed branches which are incomplete

height of leaf is  $\lceil \log_2(1/p_i) \rceil$

average number of bits per letter = 4.263

