python .\p2.py:

Input Sizes: [ 8, 10, 13, 15]

Brute Force Running Times: [ 0.035470008850097656, 44.71088480949402, 50.495997190475464, 70.69822382926941]

Frequency Based Running Times: ['0.000000000000000', '0.000000000000000', '0.001288890838623', '0.017000913619995']

Length Based Running Times: ['0.000000000000000', '0.000000000000000', '0.002013206481934', '0.017018556594849']

Compression Ratio (Brute Force): 8.0

Compression Ratio (Frequency Based Huffman): 3.5

Compression Ratio (Length Based Huffman): 3.5

python .\p2\_1.py: graphs

python .\p2\_2.py graphs

python .\p2\_3.py graphs

python .\p2\_4.py graphs

python .\p2\_5.py graphs

python .\p2\_6.py graphs