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1 C:\Users\athar\AppData\Local\Programs\Python\
  Python311\python.exe A:\Projects\Group66_AoA\
  CSCI570_Project_Minimum\plot.py
2
3 =====
4 DATA SUMMARY (sorted by problem size)
5 =====
6 Index      Size          Basic Time      Eff Time
          Basic Mem      Eff Mem
7 -----
8 1        10+10          0.00           0.00
          40096
9 2        48+48          0.00           0.00
          42148
10 3       90+90          0.32           1.00
          42148
11 4       224+224         2.99           6.45
          42180
12 5       320+320         8.26          15.59
          42748
13 6       337+337         16.63          29.27
          42824
14 7       460+460         39.15          60.16
          41600
15 8       648+648         68.44          122.80
          43076
16 9       909+909         101.73          197.14
          42784
17 10      1024+1024        143.68          288.92
          41276
18 11      1253+1253        268.55          529.00
          40208
19 12      1812+1812        415.74          752.96
          40960
20 13      2149+2149        846.74          1456.62
          41332
21 14      2524+2524        1060.90          1733.39
          42136

```

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22 15      2560+2560    612.28      1095.29
          41064        40548
23 =====
=====
24
25 ✓ All costs match between basic and efficient
   versions
26
27 =====
=====
28 PERFORMANCE STATISTICS
29 =====
=====
30 Average Basic Time:    239.03 ms
31 Average Efficient Time: 419.24 ms
32 Time Ratio (Eff/Basic): 1.75x
33
34 Average Basic Memory:    41772 KB
35 Average Efficient Memory: 40529 KB
36 Memory Ratio (Eff/Basic): 0.97x
37 Memory Saved:           1243 KB (3.0%)
38 =====
=====
39
40
41 Process finished with exit code 0
42
```