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Program Run Results

Each class was separated into its own header and implementation files with the relevant inheritance relationships as specified in the instructions. Below is the result of our test run after running our main program "main.cpp".

```
Cylindrical Blocks
Surface Areas
42 75 118 187 231 283 306 471 503 534 679 881
Diameters
3 4 5 5 6 7 7 8 10 10 11 12
Lengths
3 4 5 5 7 10 12 12 12 16 17 20
Areas
7 13 20 20 28 38 38 50 79 79 95 113

Spherical Blocks
Diameters
3 4 5 7 10 12
Surface Areas
28 50 79 154 314 452
Volumes
11 25 49 135 393 679
```