Nest squares and circles inspired by Vitruvian Man.
Start with sides length of square $=4$.


| A170931 | A094013 | R |
| ---: | ---: | ---: |
| A | B | $\mathrm{A}+\mathrm{B}^{*} \operatorname{sqrt}(2)$ |
| 1 | 1 | 2.414213562 |
| 2 | 0 | 2 |
| -4 | 4 | 1.656854249 |
| 24 | -16 | 1.372583002 |
| -112 | 80 | 1.13708499 |
| 544 | -384 | 0.941992049 |
| -2624 | 1856 | 0.780371764 |
| 12672 | -8960 | 0.646481137 |
| -61184 | 43264 | 0.53556251 |
| 295424 | -208896 | 0.44367451 |
| -1426432 | 1008640 | 0.367551999 |
| $\ldots$ | $\ldots$ | $\ldots$ |

