```
m = 1; l = i^2;
For[i = 1, i < 9, i++
  For[k = 1, k < 11, k++,
   Print["l=", i^2 , "    ", "k=", k, "       ",
    LeafCount[ ContinuedFraction[((m + Sqrt[m^2 + 4 i^2]) / 2)^k]] - 3]]]
```

```
l=64    k=1       3

l=64    k=2       3

l=64    k=3       18

l=64    k=4       110

l=64    k=5       461

l=64    k=6       128

l=64    k=7       7545

l=64    k=8       746

l=64    k=9       292030

l=64    k=10       12378

l=81    k=1       3

l=81    k=2       3

l=81    k=3       15

l=81    k=4       498

l=81    k=5       1042

l=81    k=6       174

l=81    k=7       1367

l=81    k=8       6706

l=81    k=9       115395
```