```
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=16    k=1       3

l=16    k=2       3

l=16    k=3       17

l=16    k=4       30

l=16    k=5       29

l=16    k=6       290

l=16    k=7       99

l=16    k=8       338

l=16    k=9       182

l=16    k=10       1234

l=25    k=1       3

l=25    k=2       3

l=25    k=3       16

l=25    k=4       28

l=25    k=5       371

l=25    k=6       32

l=25    k=7       459

l=25    k=8       64

l=25    k=9       53850

l=25    k=10       57970
```