```
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=4    k=1       3

l=4    k=2       3

l=4    k=3       5

l=4    k=4       22

l=4    k=5       27

l=4    k=6       3

l=4    k=7       167

l=4    k=8       294

l=4    k=9       203

l=4    k=10       147

l=9    k=1       3

l=9    k=2       3

l=9    k=3       5

l=9    k=4       34

l=9    k=5       101

l=9    k=6       14

l=9    k=7       81

l=9    k=8       370

l=9    k=9       85

l=9    k=10       456
```