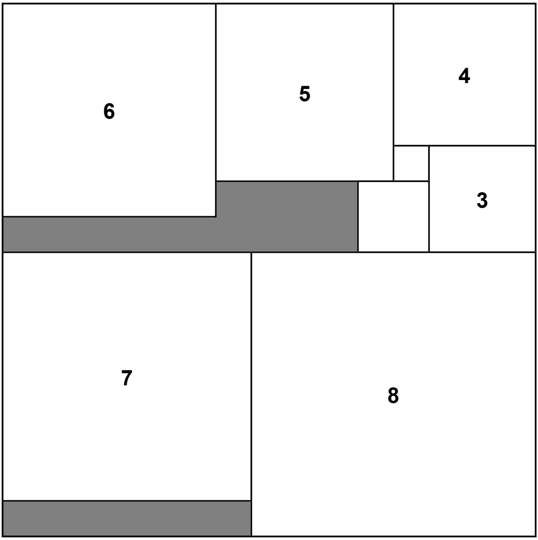
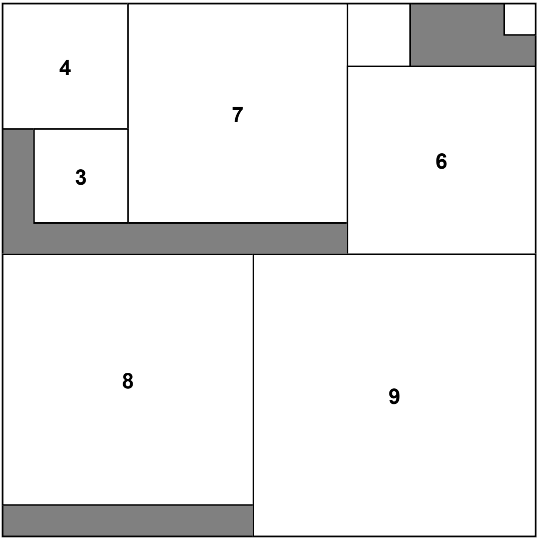
Non trivial decompositions. Unnumbered squares are 1x1 or 2x2

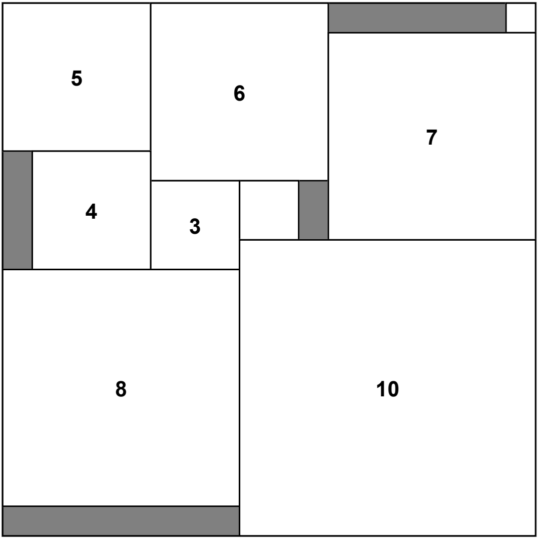
a(15) = 21



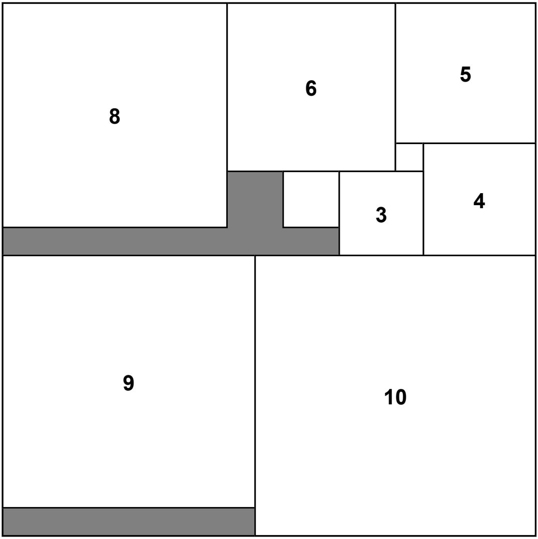
a(17) = 29



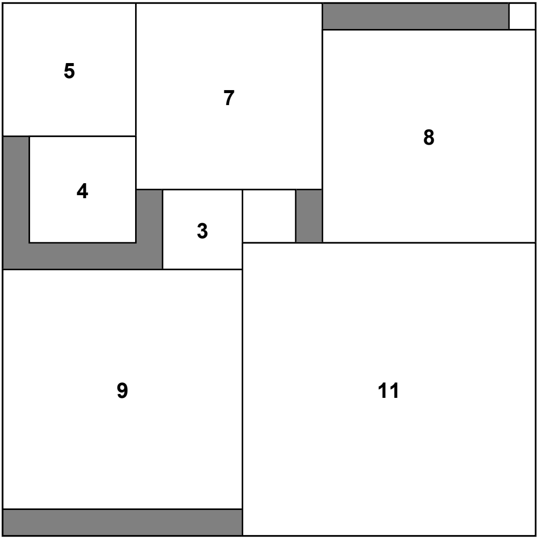
a(*18*) *= 20*



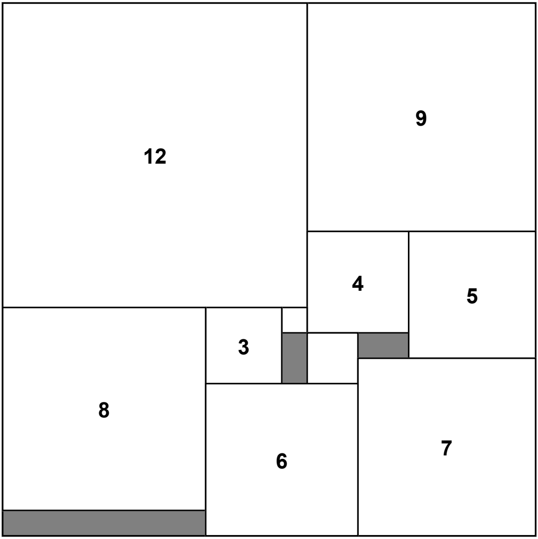
a(*19*) *= 25*



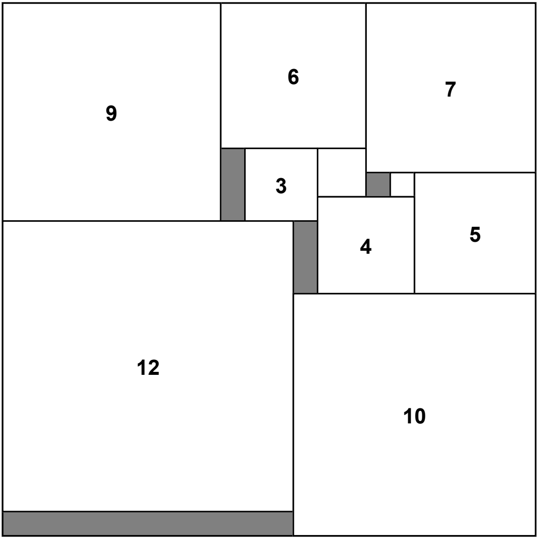
***a*(20) = 30**



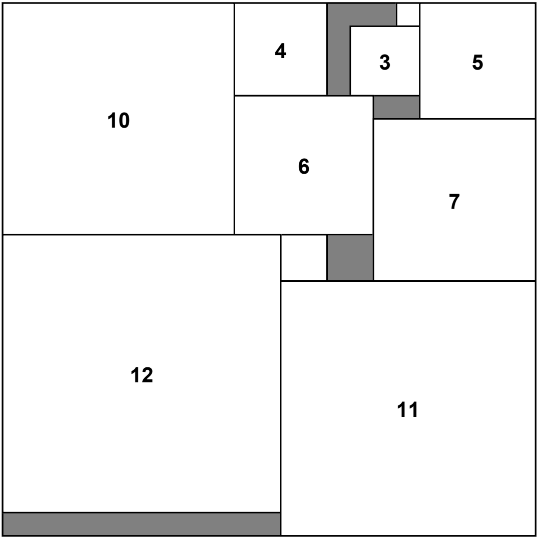
***a*(21) = 12**



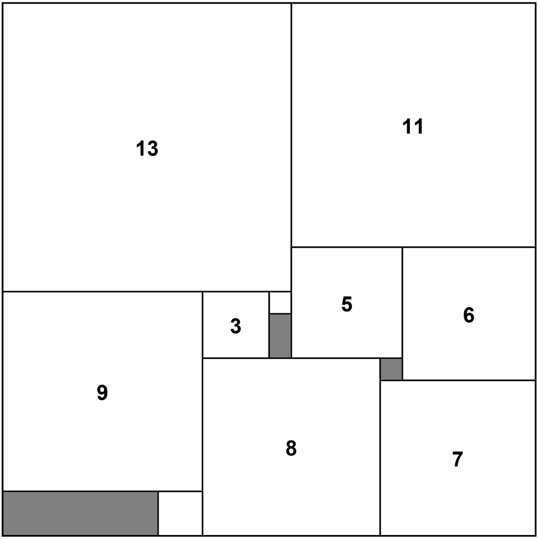
a(*22*) *= 19*


9
6
7
3
4
5
12
10

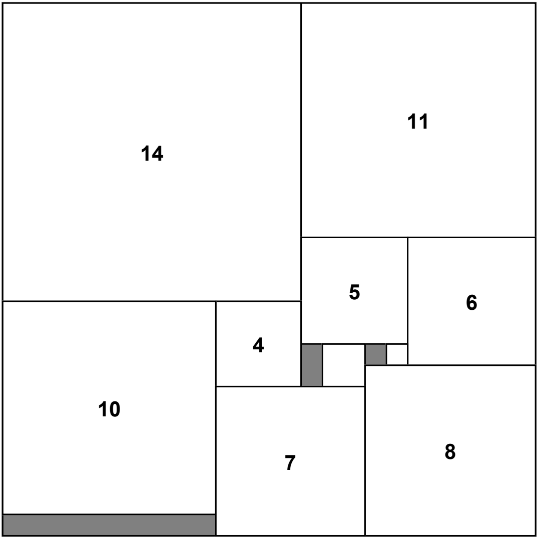
a(*23*) *= 24*


4
3
5
10
6
7
12
11

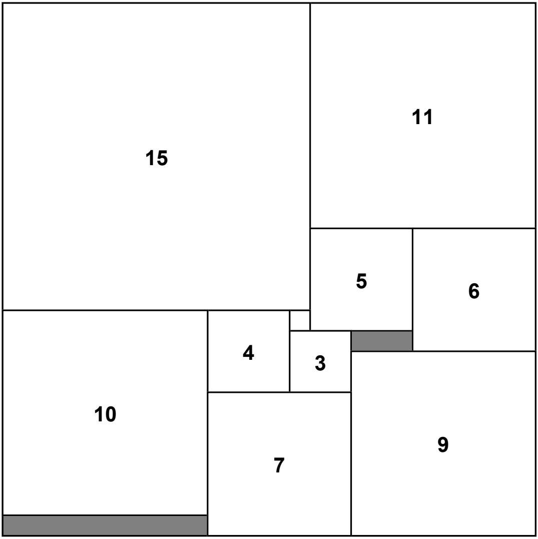
a(*24*) *= 17*


13
11
5
6
3
9
8
7

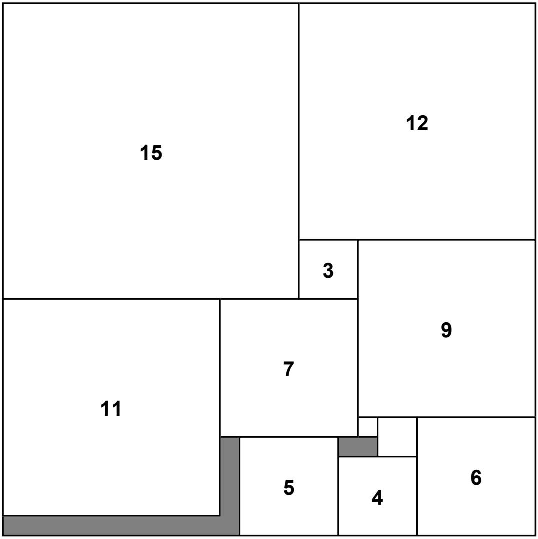
a(*25*) *= 13*


14
11
5
6
4
10
7
8

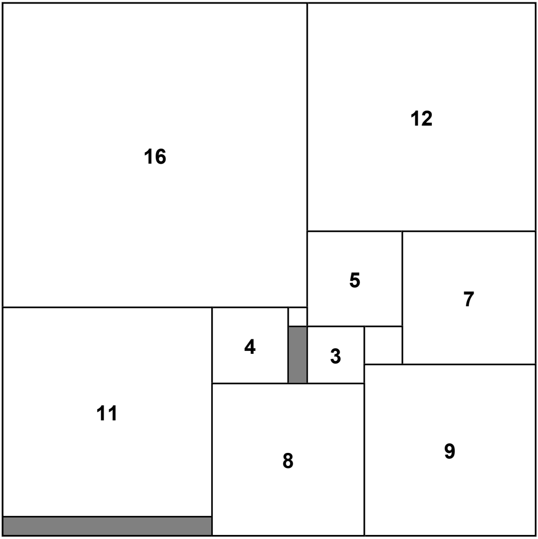
$a(26) = 13$


15
11
5
6
4
3
10
7
9

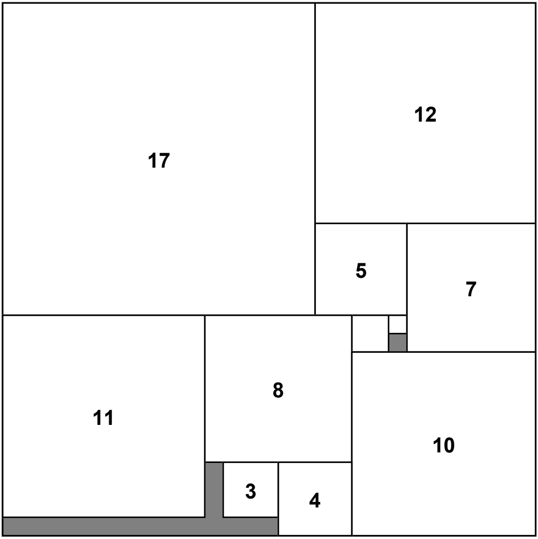
$a(27) = 18$


15
12
3
9
7
11
5
4
6

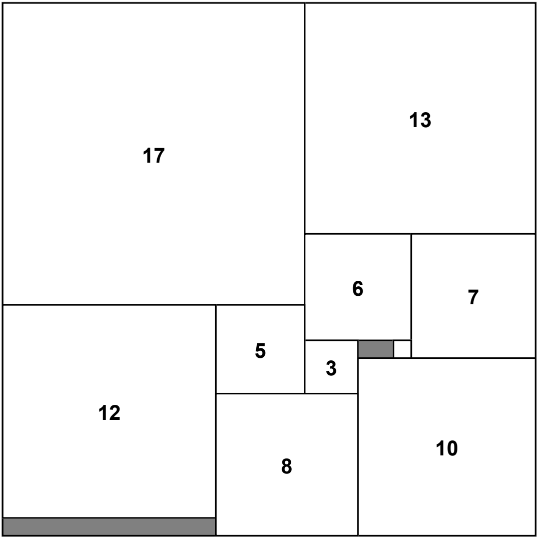
a(*28*) *= 14*


16
12
5
7
4
3
11
8
9

a(*29*) *= 19*


17
12
5
7
8
11
10
3
4

a(*30*) *= 14*


17
13
6
7
5
3
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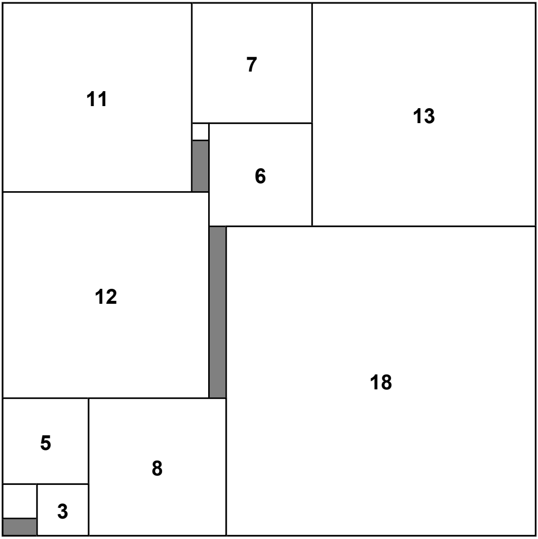
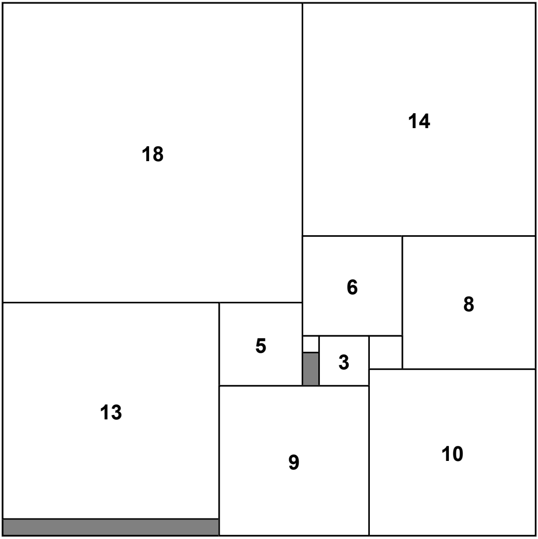
8
10

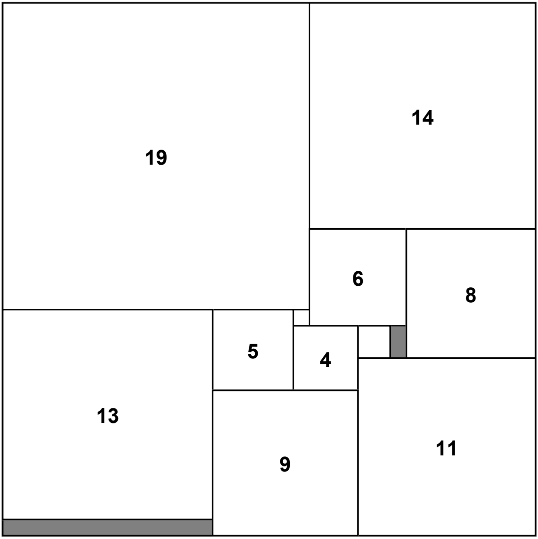
a(*31*) *= 15*


11
7
13
6
12
18
5
8
3

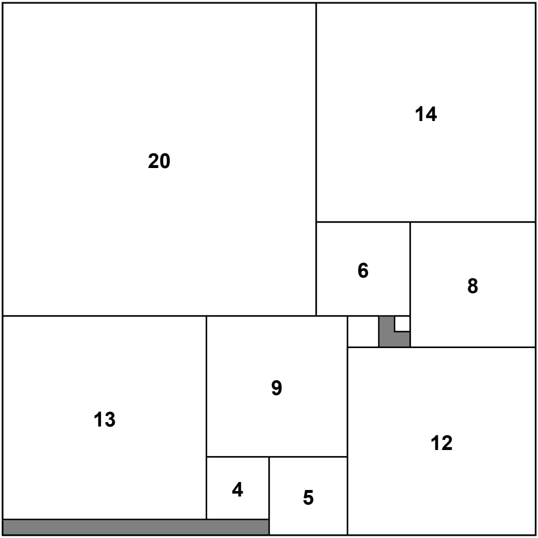
a(*32*) = *15*


18
14
6
8
5
3
13
9
10

a(*33*) = *15*


19
14
6
8
5
4
13
9
11

a(*34*) = *20*


20
14
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13
12
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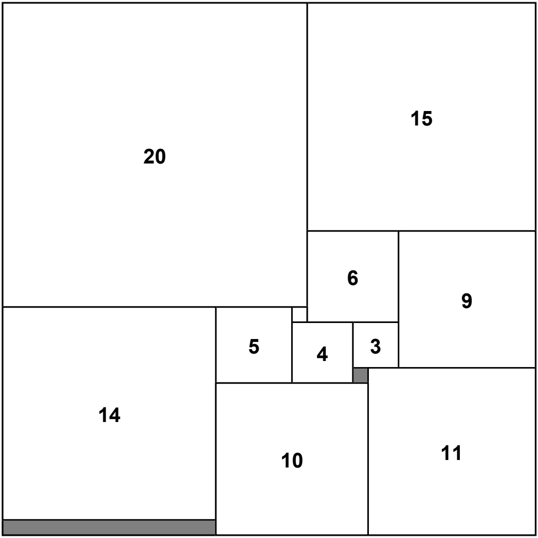
5

a(*35*) = *15*


20
15
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14
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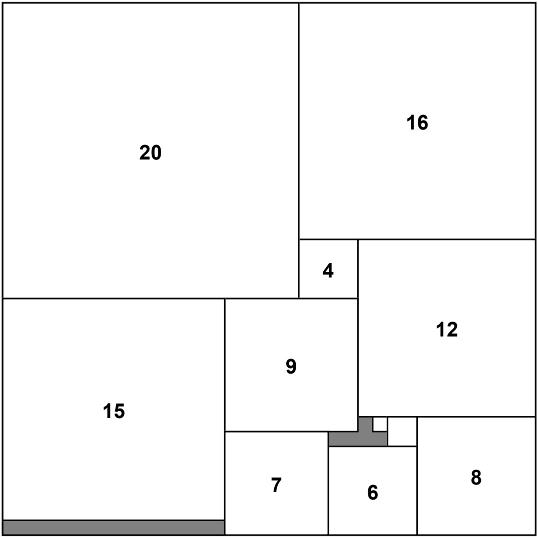
11

$a(36) = 20$


20
16
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12
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15
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6
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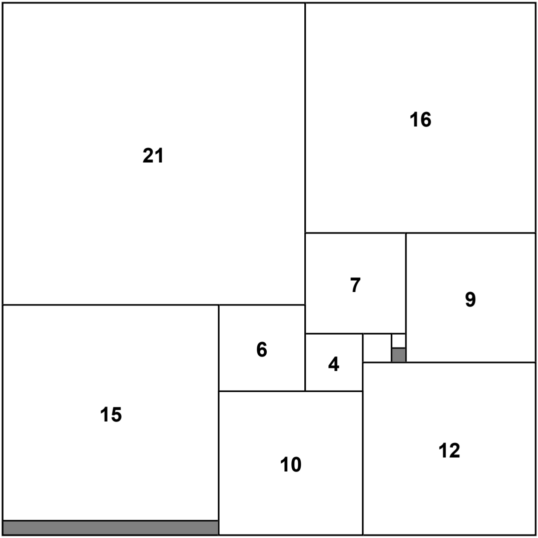
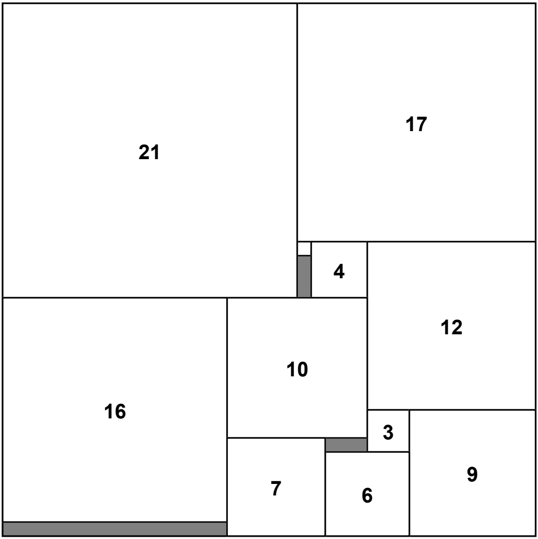
$a(37) = 16$


21
16
7
9
6
4
15
10
12

a*(*38*) = *22


21
17
4
12
16
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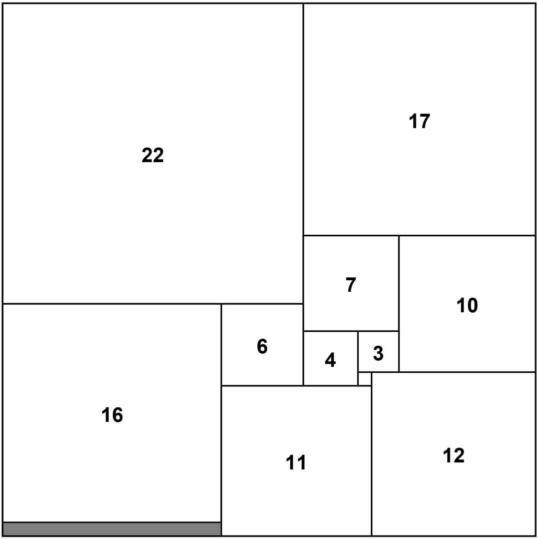
7
6

a*(*39*) = *16


22
17
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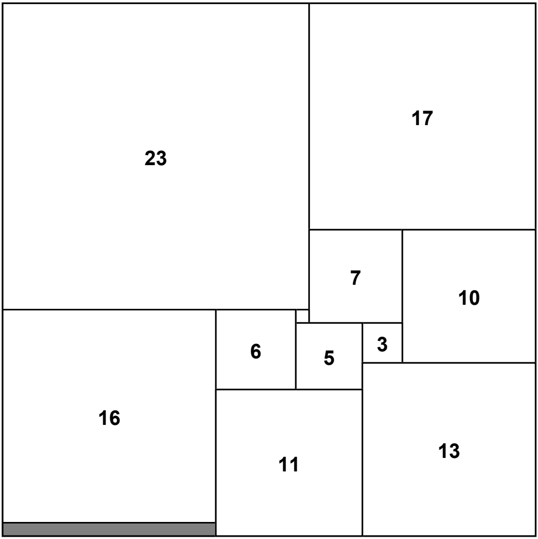
16
11
12

a*(*40*) = *16


23
17
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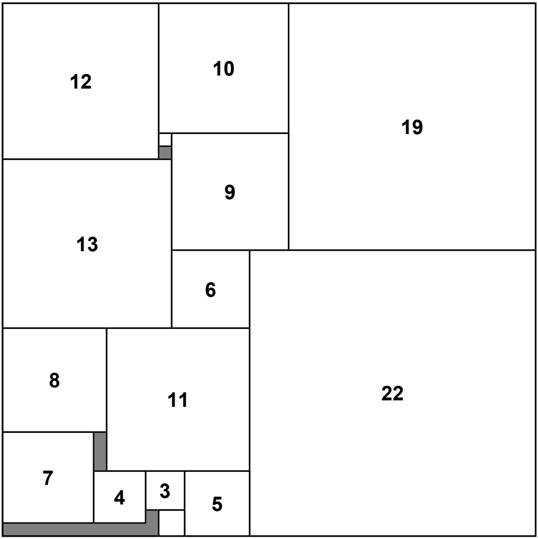
16
11
13

a*(*41*) = *17


12
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19
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13
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22
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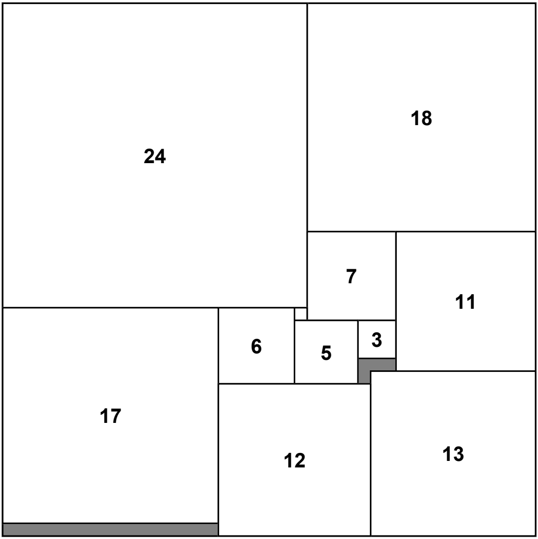
7
4
3
5

a(*42*) = *21*


24
18
7
11
6
5
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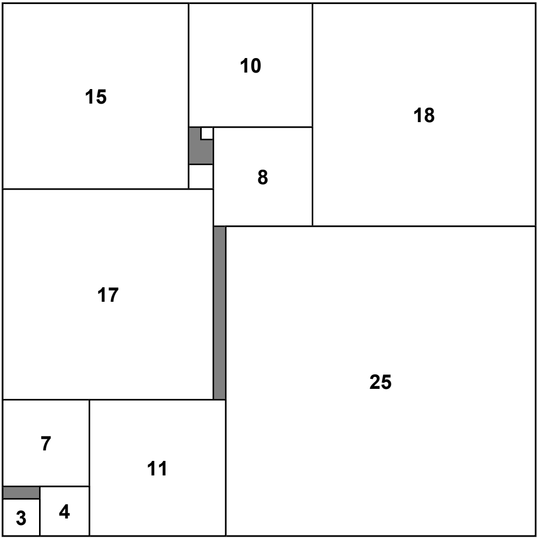
17
12
13

a(*43*) = *22*


15
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18
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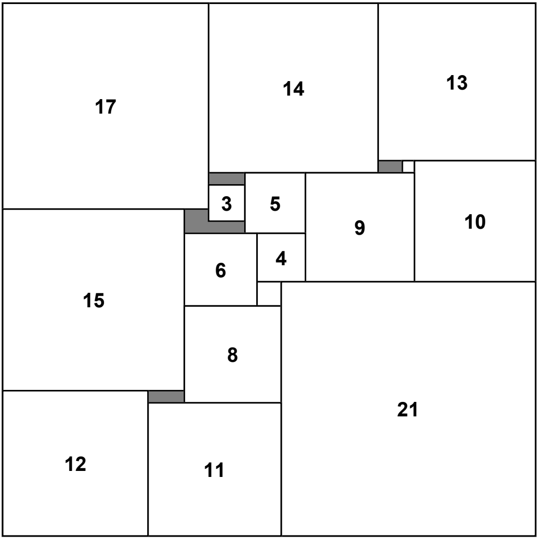
17
25
7
11
3
4

a(*44*) = *15*


17
14
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15
6
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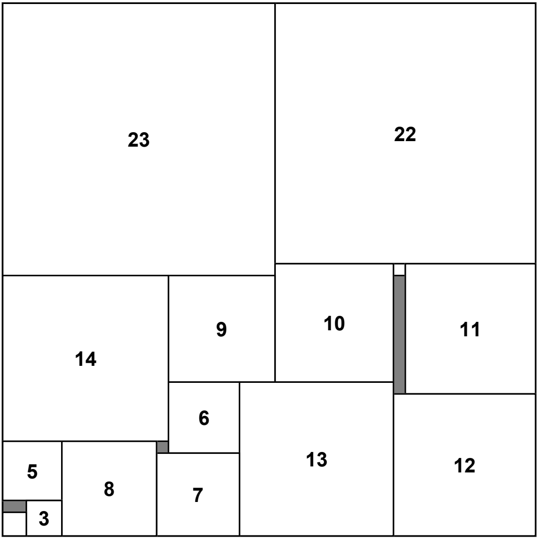
21
12
11

a(*45*) = *13*


23
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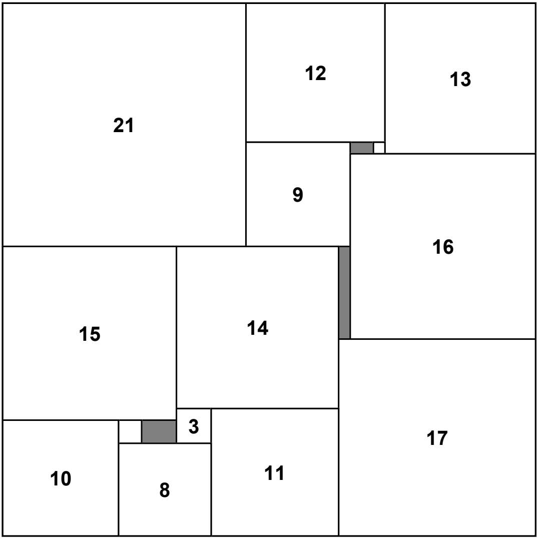
a(*46*) *= 16*


21
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13
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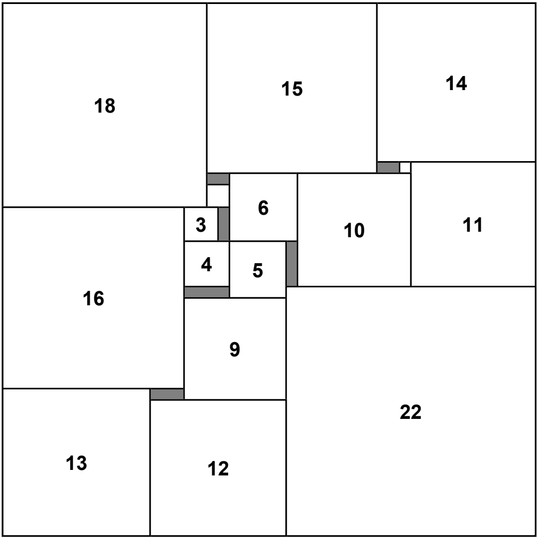
16
15
14
3
17
10
8
11

a(*47*) *= 18*


18
15
14
6
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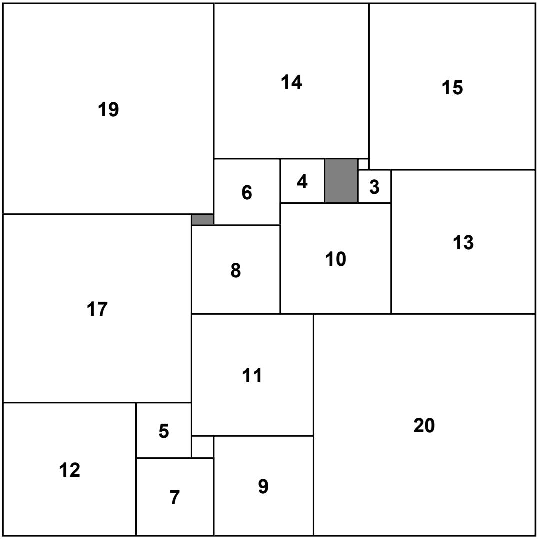
11
4
5
16
9
22
13
12

a(*48*) *= 14*


19
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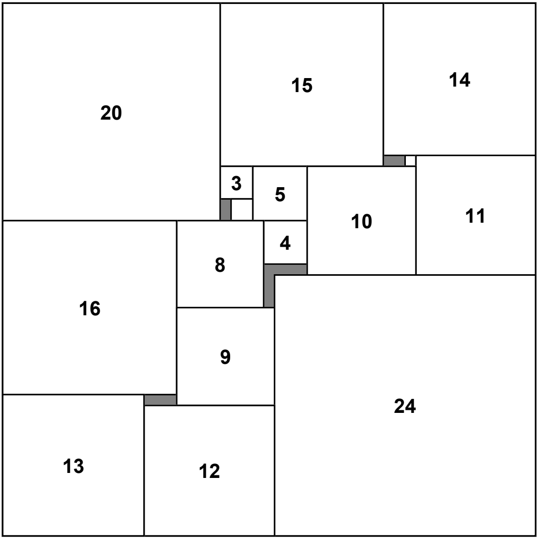
13
8
17
11
20
5
12
7
9

a(*49*) *= 14*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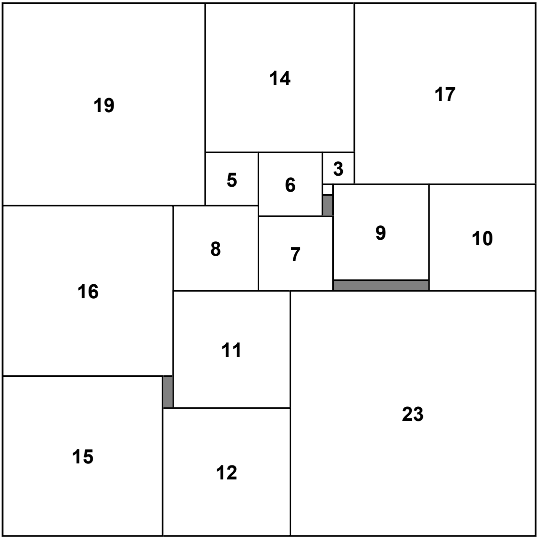
24
13
12


19
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17
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8
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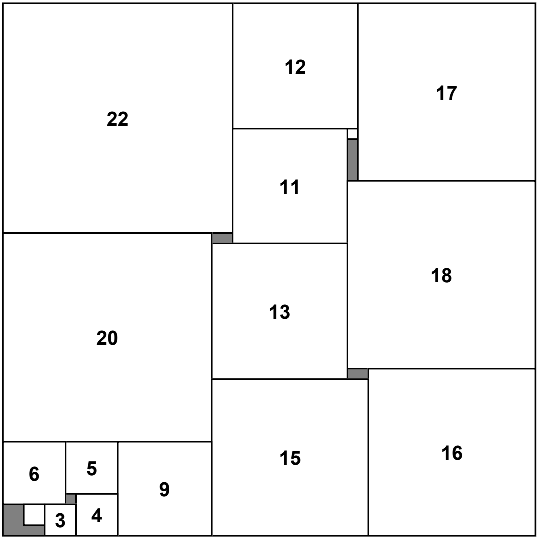
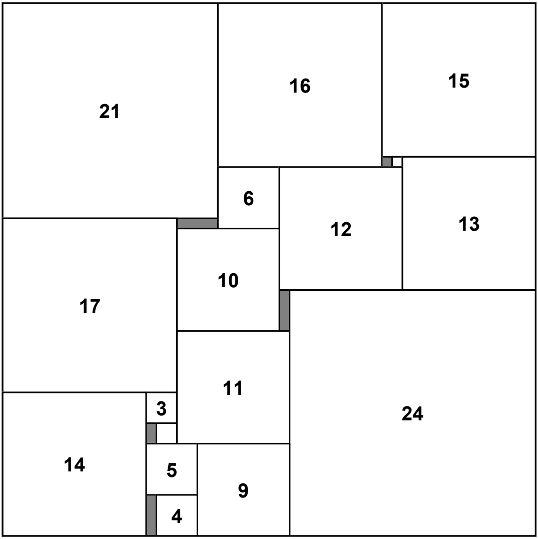
16
11
23
15
12

$a(50) = 14$


22
12
17
11
18
13
20
15
16
6
5
9
3
4

$a(51) = 17$

a(52) = 15


21
16
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12
13
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17
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24
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14
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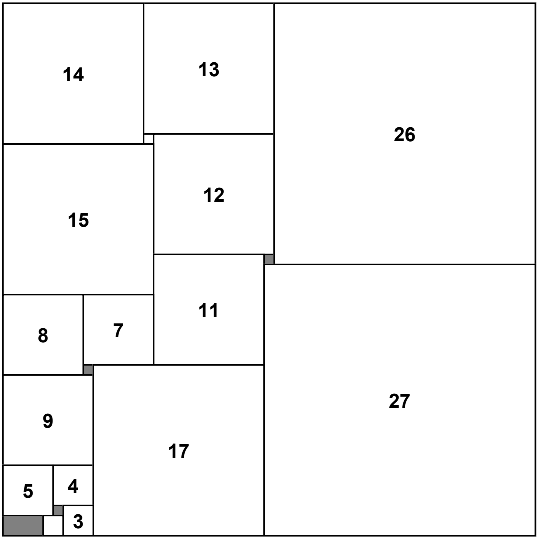
9
4

a(53) = 11


14
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26
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15
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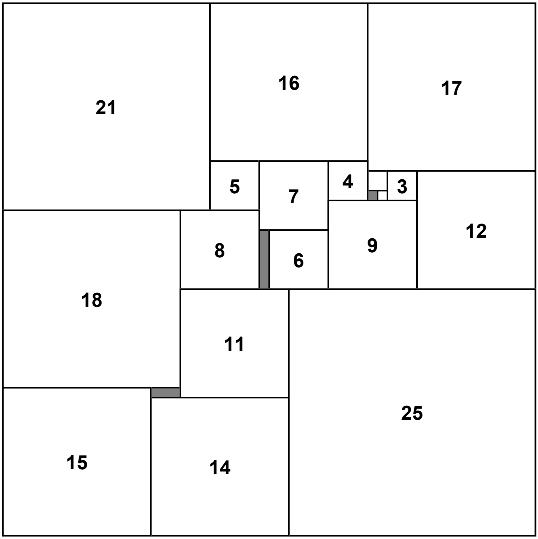
8
7
27
9
17
5
4
3

a(*54*) *= 10*


21
16
17
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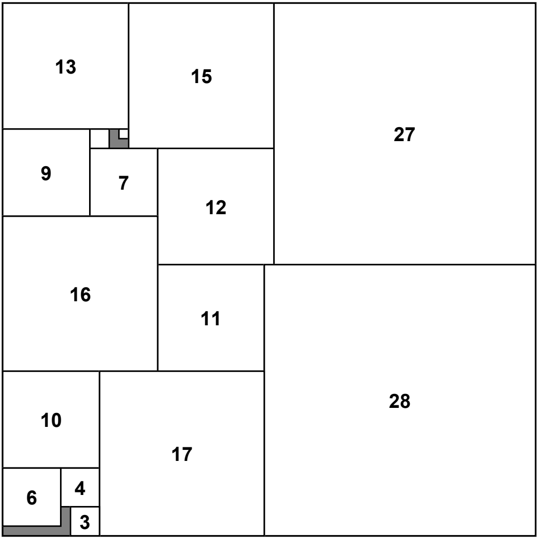
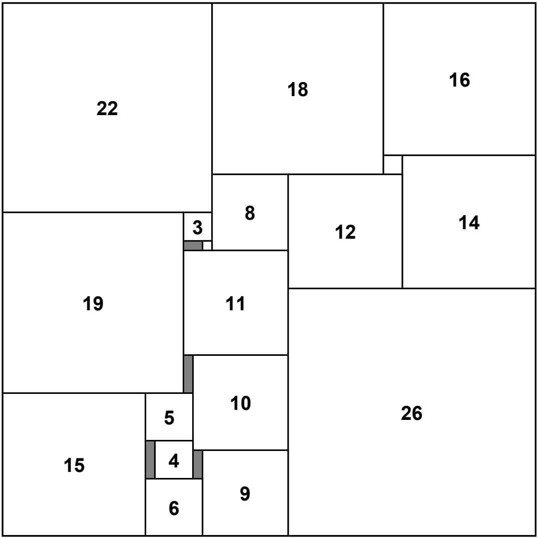
8
6
9
12
18
11
25
15
14

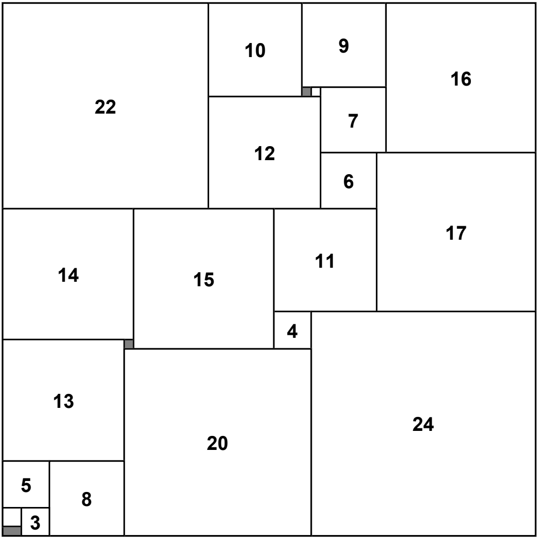
a(*55*) *= 12*


13
15
27
9
7
12
16
11
28
10
17
6
4
3

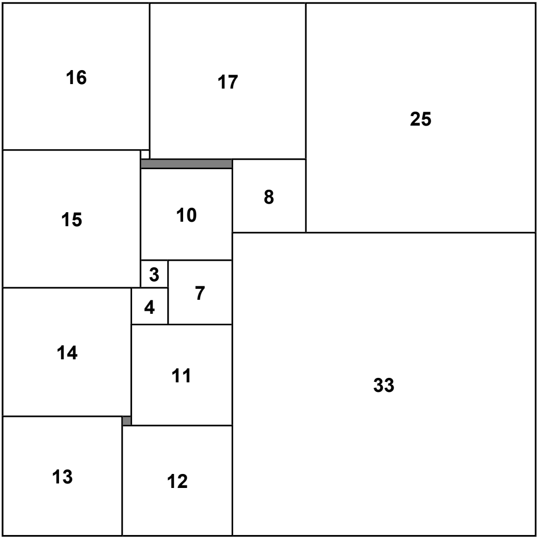
a(*56*) *= 13*


22
18
16
3
8
12
14
19
11
10
26
5
15
4
9
6

a(*57*) *= 4*


10
9
16
22
7
12
6
17
14
15
11
4
13
20
24
5
8
3

a(*58*) *= 11*


16
17
25
15
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8
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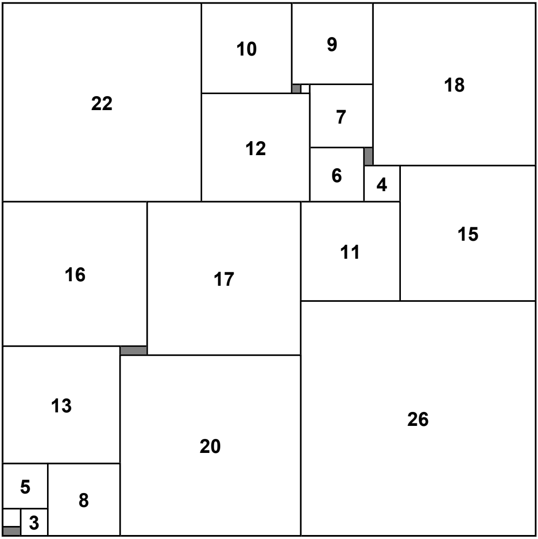
7
4
14
11
33
13
12

a(*59*) *= 8*


22
10
9
18
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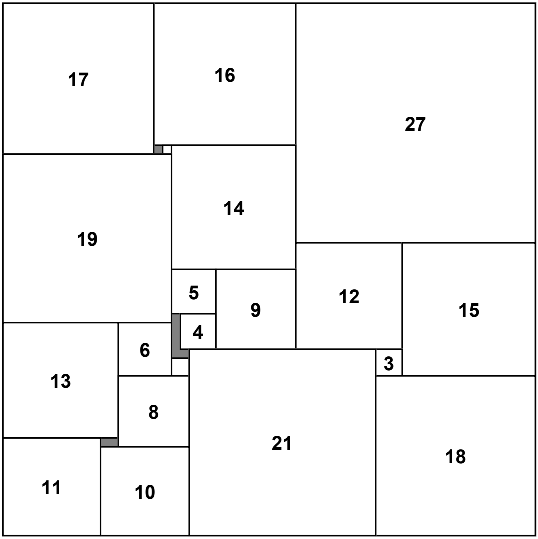
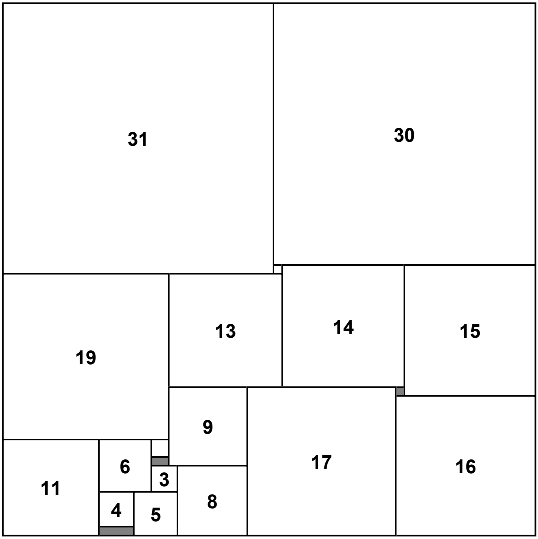
12
6
4
15
16
17
11
13
20
26
5
8
3

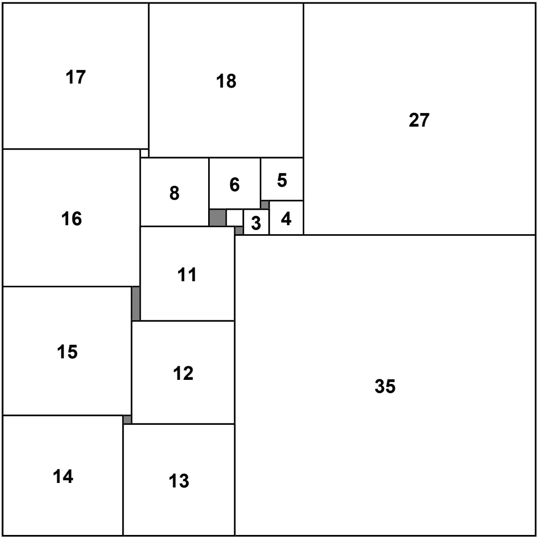
a(*60*) = *9*


17
16
27
19
14
5
9
12
15
4
6
3
13
8
21
18
11
10

a(*61*) = *7*


31
30
19
13
14
15
9
17
16
6
3
11
4
5
8

a(*62*) *= 11*



17
18
27
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8
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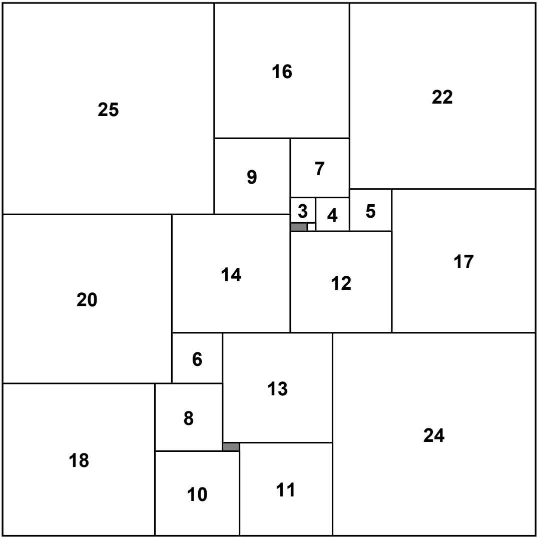
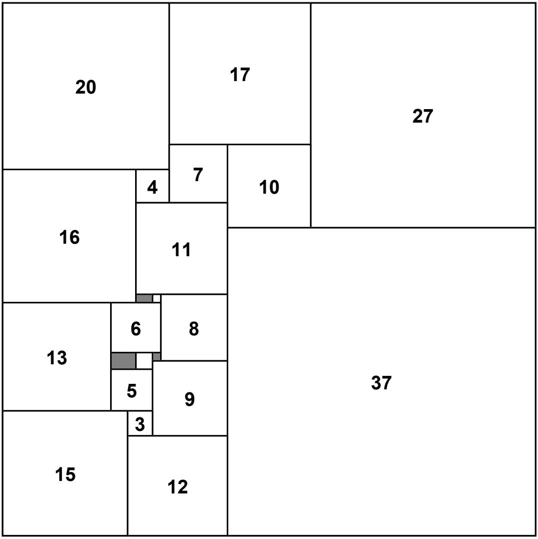
4
11
15
12
35
14
13

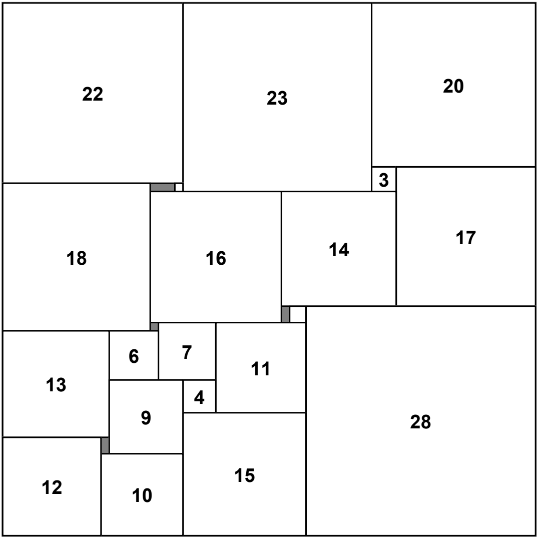
a(*63*) *= 4*



25
16
22
9
7
3
4
5
20
14
12
17
6
13
18
8
24
10
11

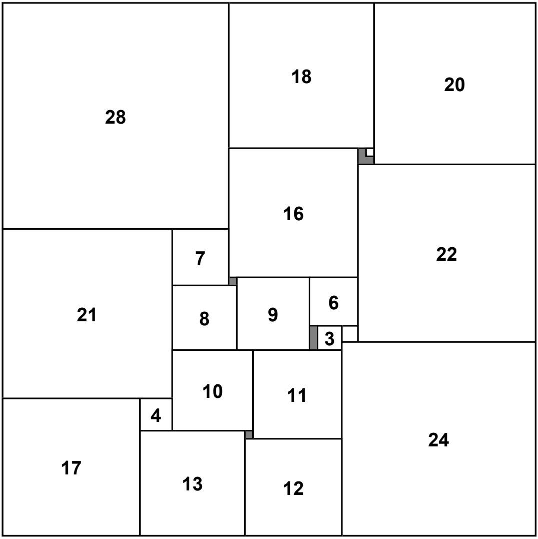

20
17
27
7
4
10
16
11
6
8
13
37
5
9
3
15
12

a(*64*) *= 9*

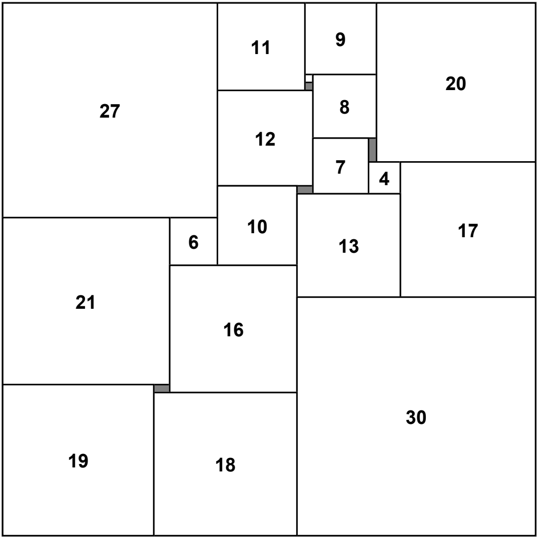

22
23
20
3
18
16
14
17
6
7
11
13
4
9
28
15
12
10

a(*65*) *= 8*

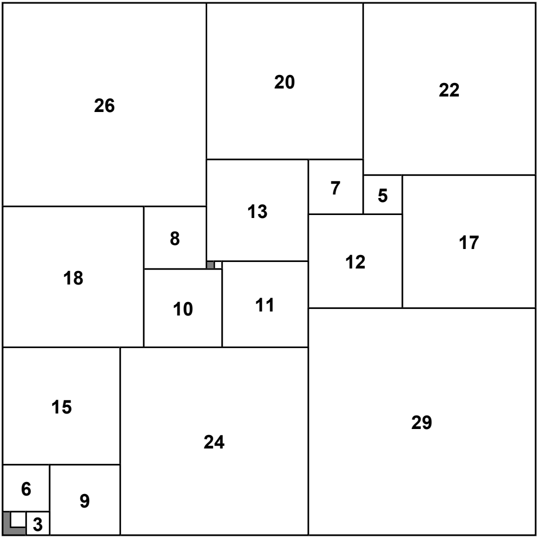
a(*66*) *= 8*


28
18
20
16
22
7
21
8
9
6
3
10
11
4
24
17
13
12

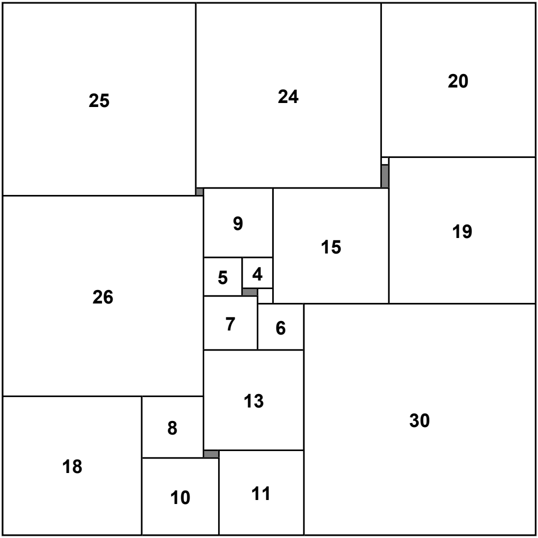
a(*67*) *= 8*


27
11
9
20
8
12
7
4
10
17
6
13
21
16
30
19
18

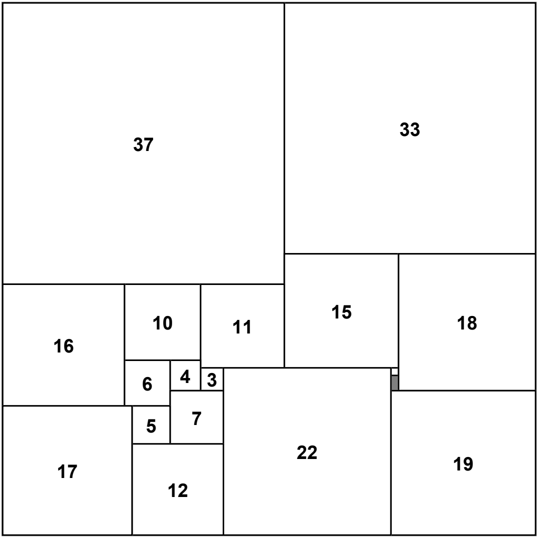
$a(68) = 6$


26
20
22
7
5
13
8
17
12
18
10
11
15
29
24
6
9
3

$a(69) = 8$


25
24
20
9
19
15
5
4
26
7
6
13
30
8
18
10
11

a(*70*) = *2*


37
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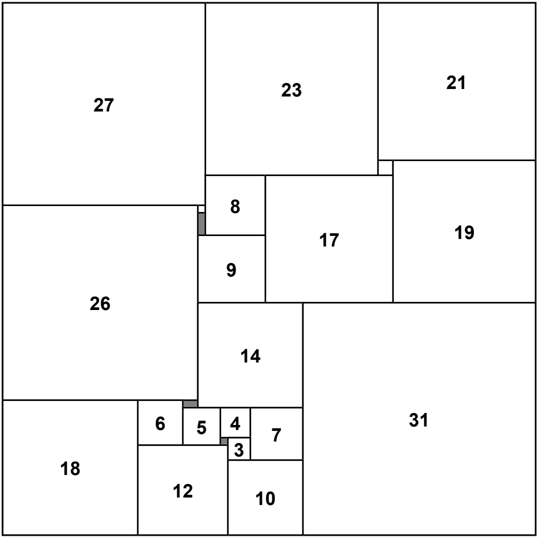
12

a(*71*) = *6*


21
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18
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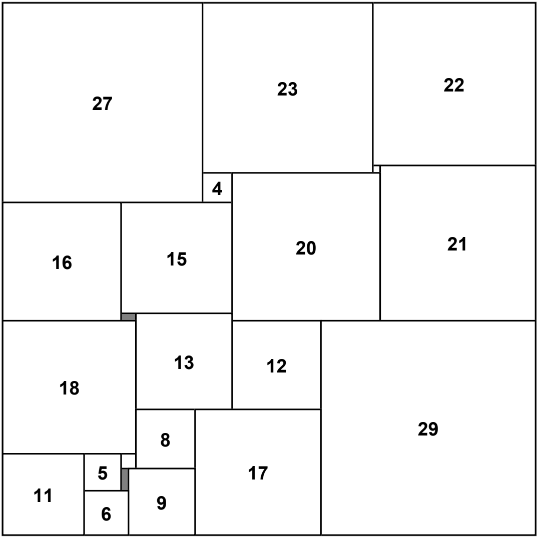
***a*(72) = 5**


27
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29
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17
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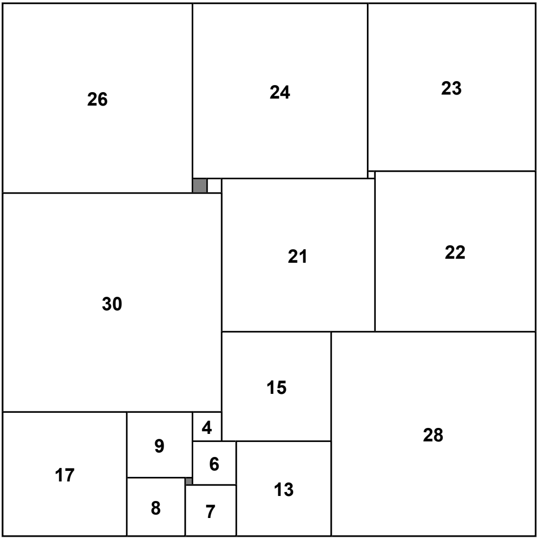
5
6
9

***a*(73) = 5**


26
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28
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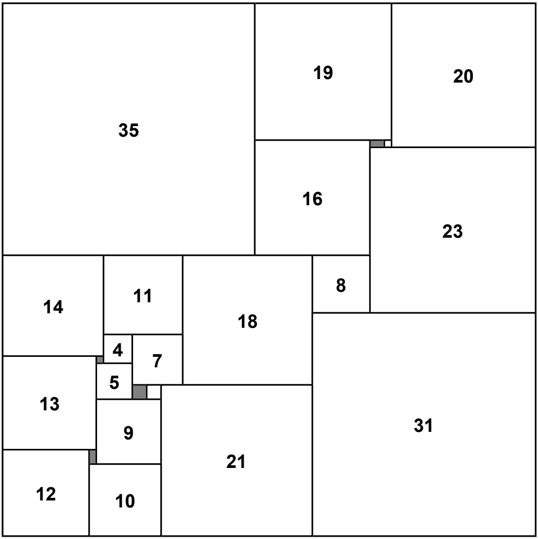
13
8
7

a(*74*) *= 9*


35
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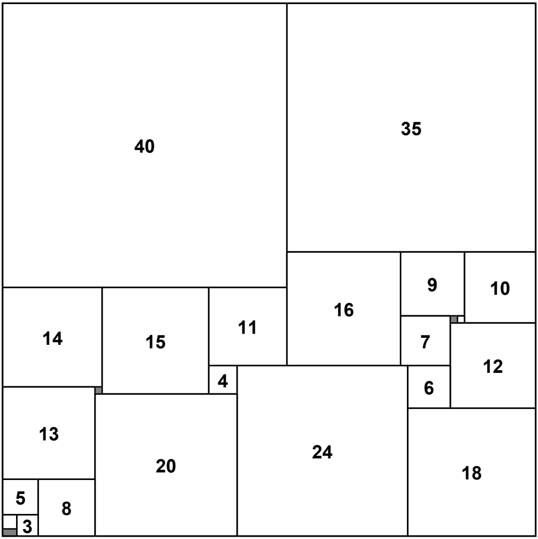
a(*75*) *= 4*


40
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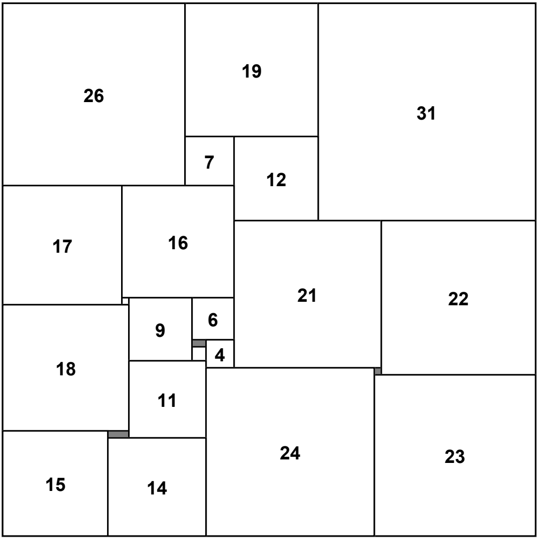
24
18
5
8
3

a(*76*) *= 6*


26
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31
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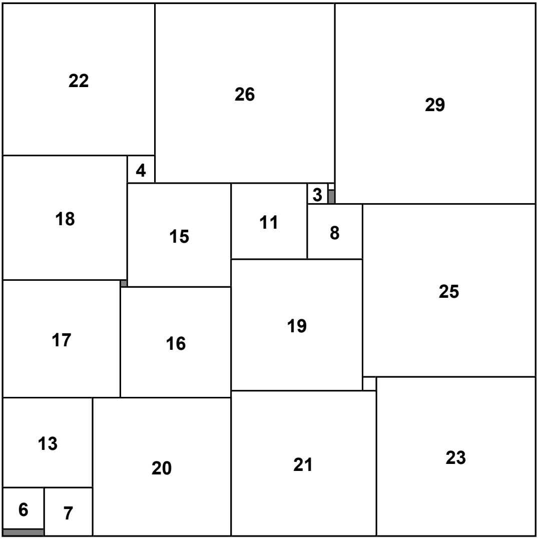
15
14

a(*77*) *= 9*


22
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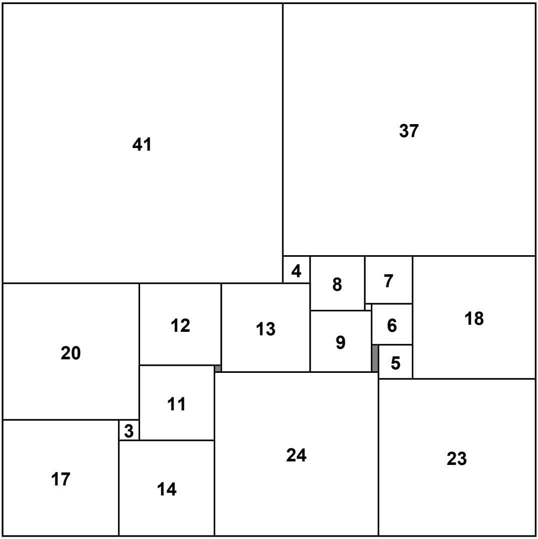
***a*(*78*) = 5**


41
37
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17
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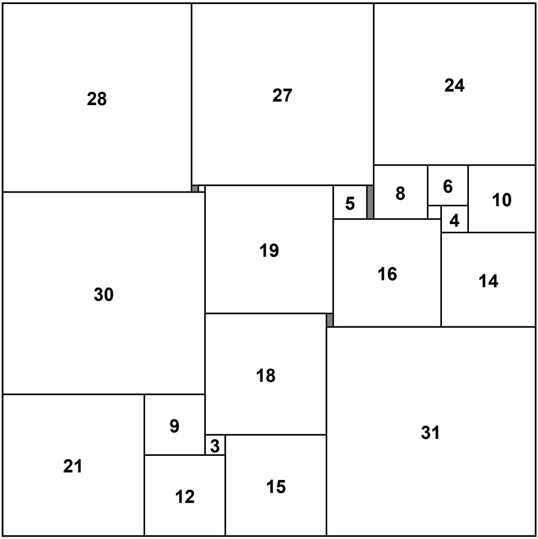
***a*(*79*) = 8**


28
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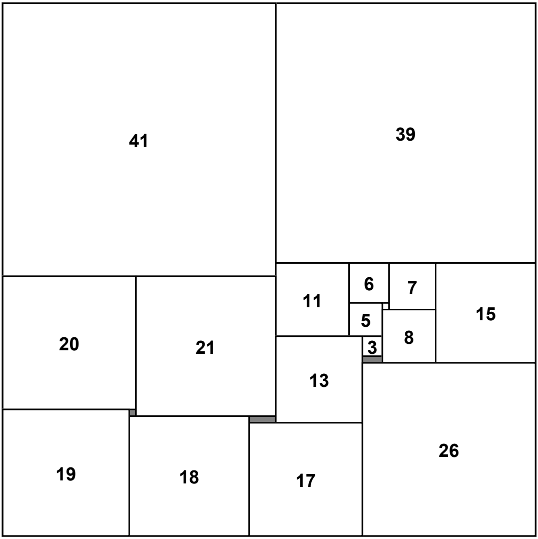
15

a(*80*) *= 8*


41
39
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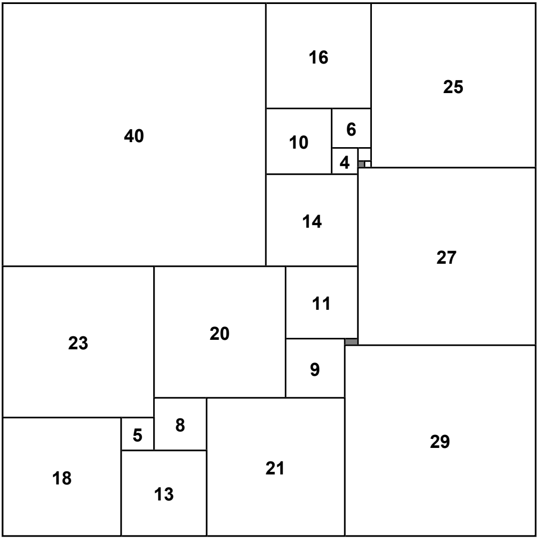
18
17

a(*81*) *= 3*


16
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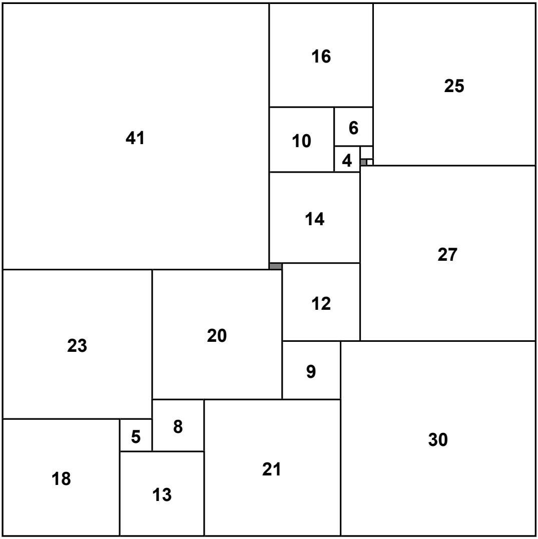
18
13

a(*82*) *= 3*



16
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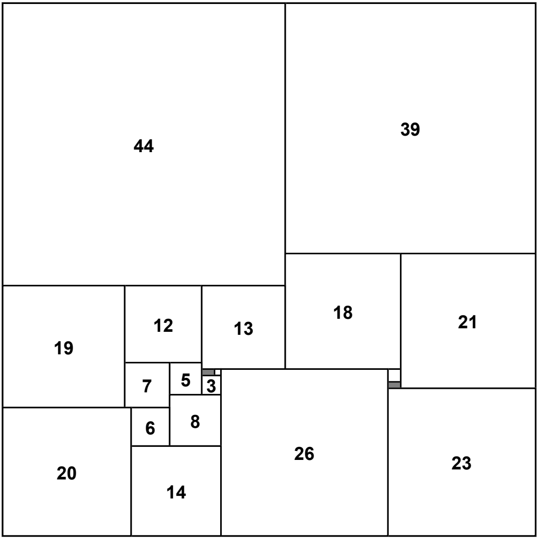
13

a(*83*) *= 4*



44
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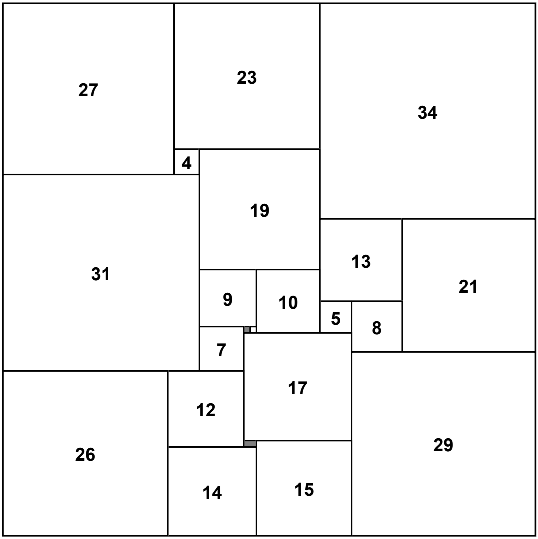
14

a(84) = 3


27
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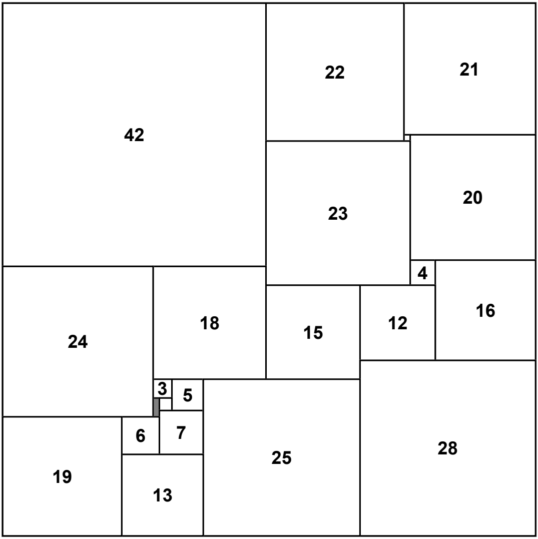
15

a(85) = 3


42
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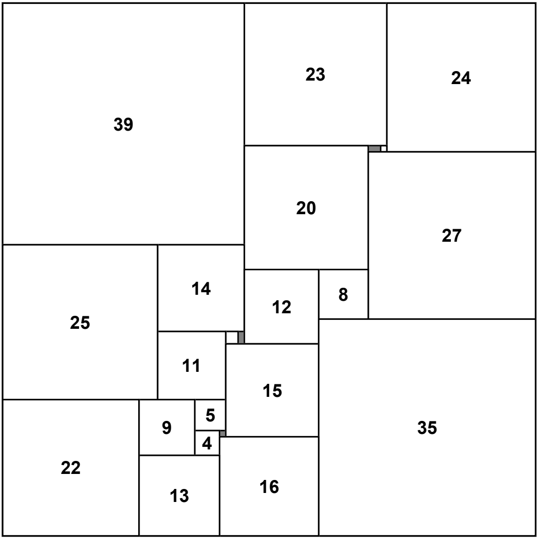
19
13

$a(86) = 5$


39
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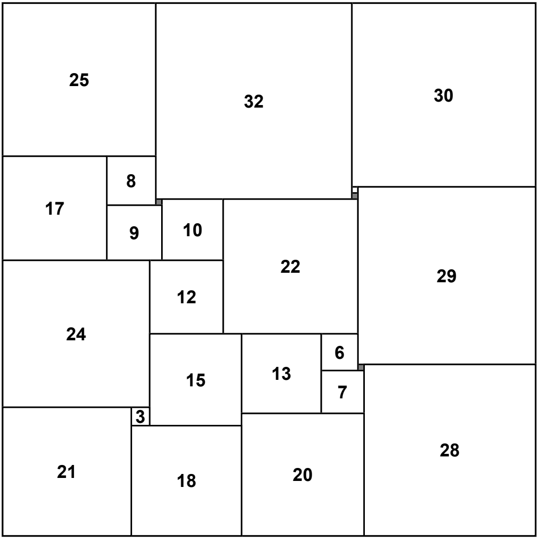
$a(87) = 3$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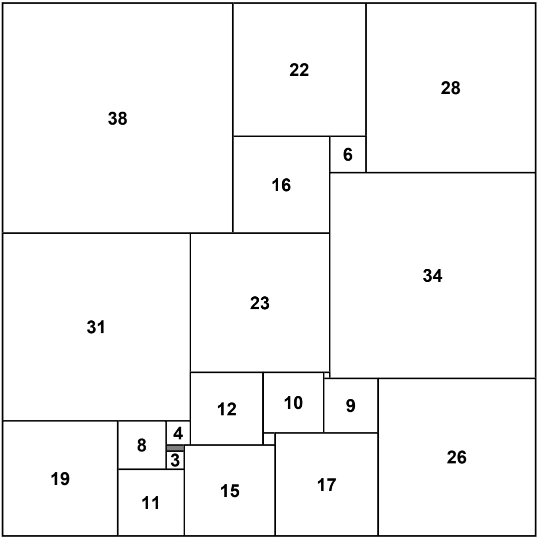
18

a(*88*) = *3*


38
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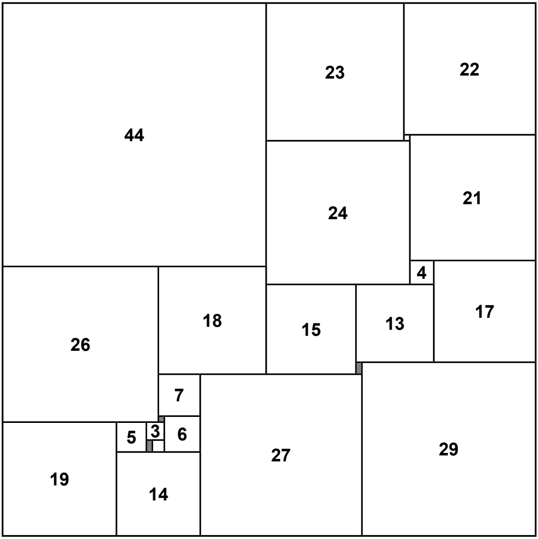
a(*89*) = *5*


44
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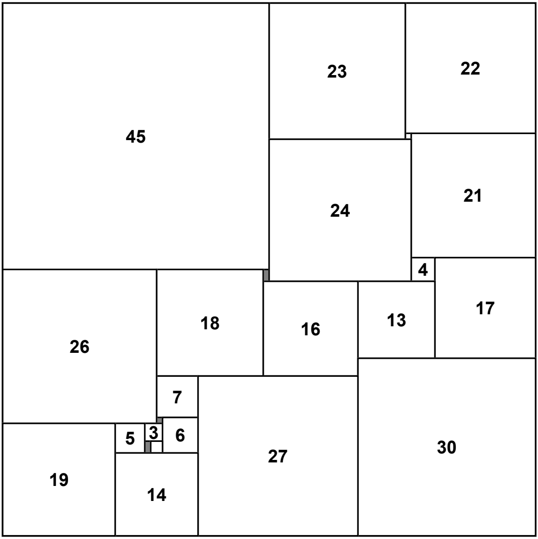
a(*90*) = *5*


45
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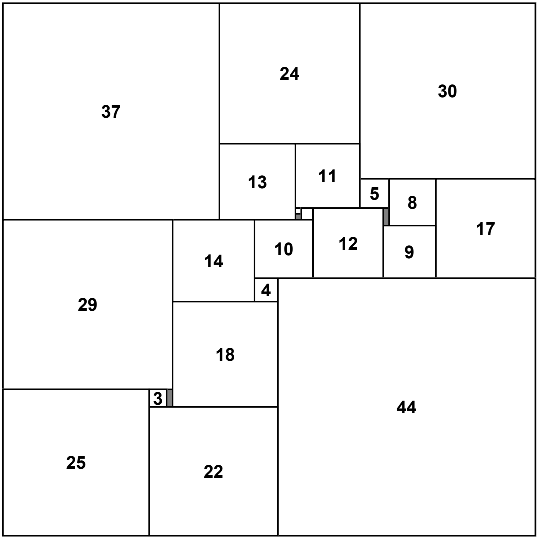
a(*91*) = *7*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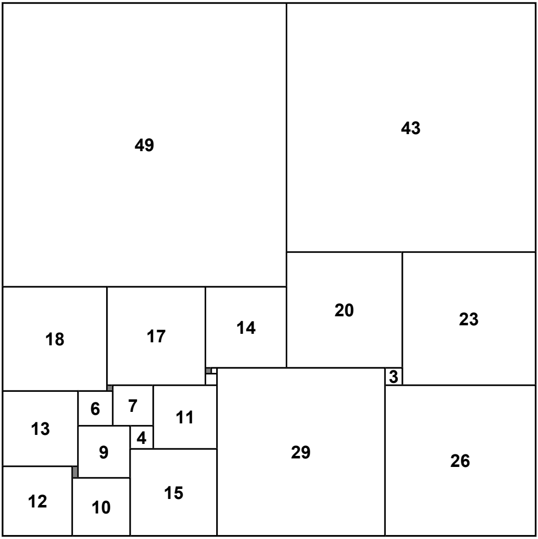
22

a(92) = 4


49
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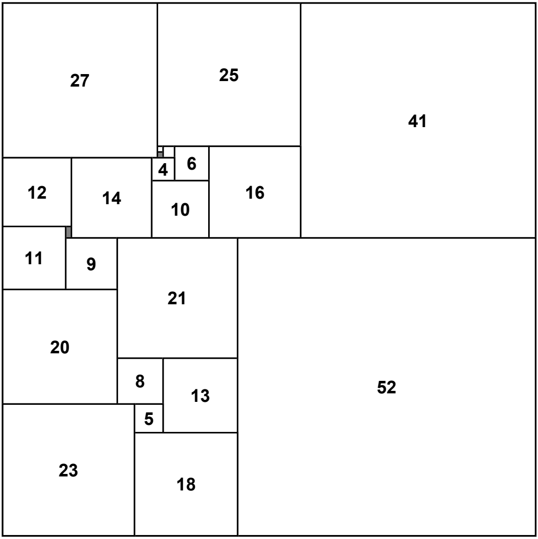
a(93) = 3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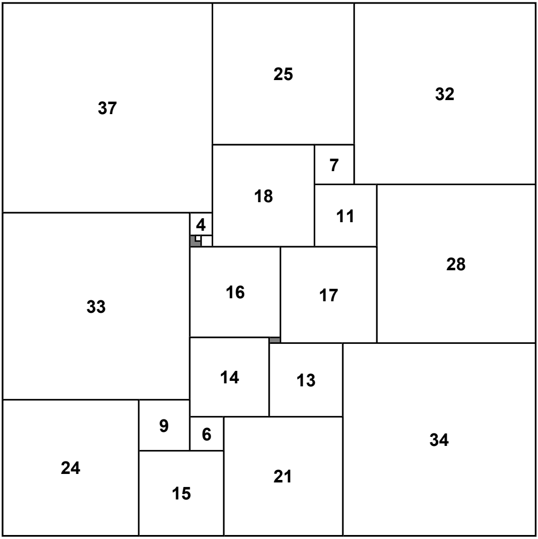
$a(94) = 5$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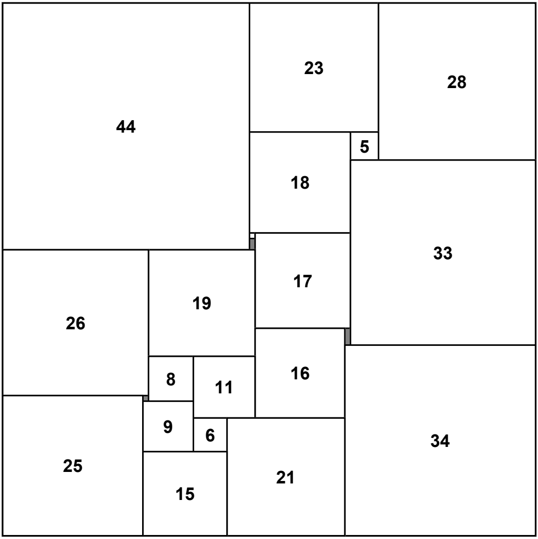
$a(95) = 6$


23
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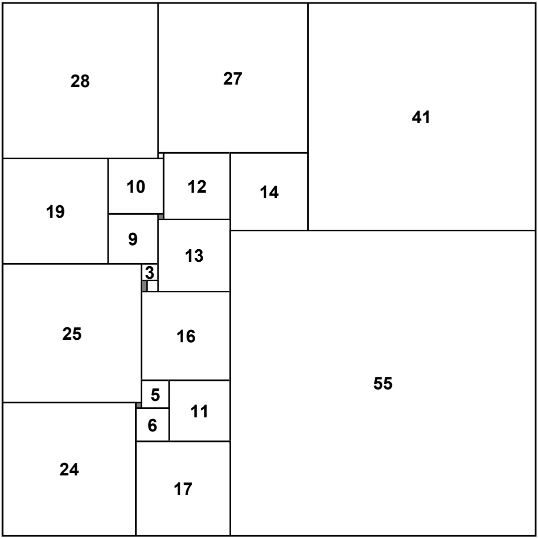
a(*96*) *= 4*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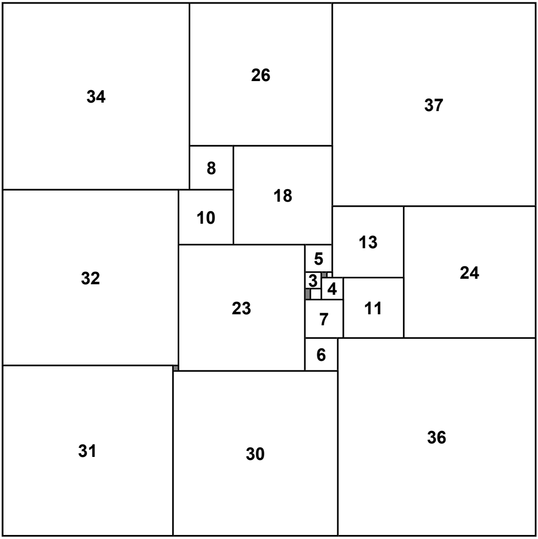
17

a(*97*) *= 4*


34
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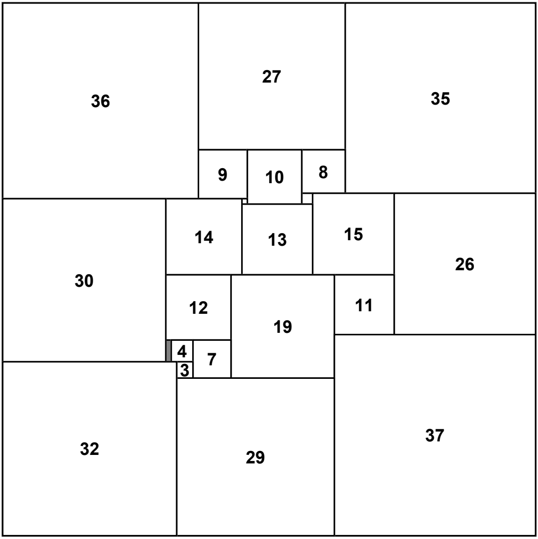
36

$a(98) = 4$


36
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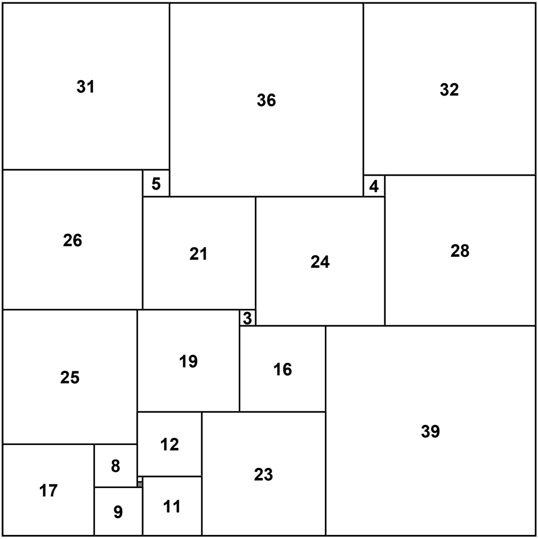
37

$a(99) = 1$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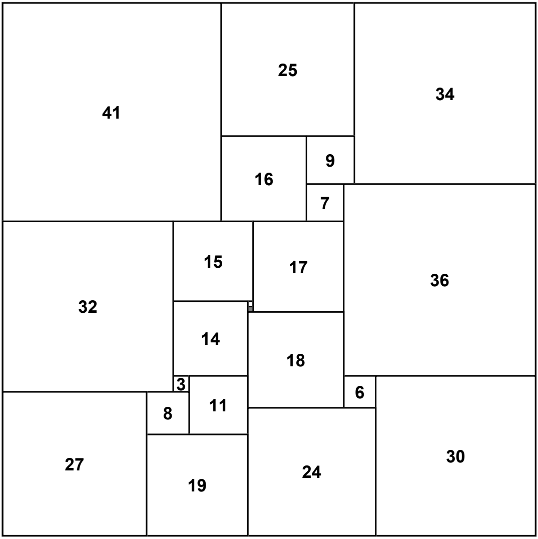
$a(100) = 1$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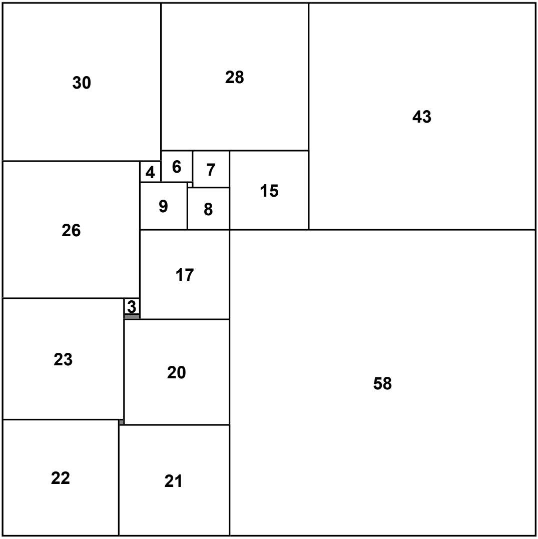
$a(101) = 4$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