

$\{1\} \{2\} \{a\} \{c\} \{x\} \{1+a\} \{1+1\} \{1+2\} \{1+c\} \{1+x\} \{2+1\} \{2+2\} \{2+a\} \{2+c\} \{2+x\}$
 $\{a+1\} \{a+2\} \{a+a\} \{a+c\} \{a+x\} \{c+1\} \{c+2\} \{c+a\} \{c+c\} \{c+x\} \{x+1\} \{x+2\} \{x+a\}$
 $\{x+c\} \{x+x\}$

$x=1$

$\{1, x\} \{2\} \{a\} \{c\} \{1+1, 1+x, x+1, x+x\} \{1+2\} \{1+a, 1+c, 1+x\} \{2+1, 2+x\} \{2+2\} \{2+a\}$
 $\{2+c\} \{a+1, a+x\} \{a+2\} \{a+a\} \{a+c\} \{c+1, c+x\} \{c+2\} \{c+a\} \{c+c\}$

$a = x+1$

$\{1, x\} \{2\} \{a, 1+1, 1+x, x+1, x+x\} \{c\} \{x+2, 1+2\} \{x+a, 1+a\} \{x+c, 1+c\} \{2+1, 2+x\}$
 $\{2+2\} \{2+a\} \{2+c\} \{a+1, a+x\} \{a+2\} \{a+a\} \{a+c\} \{c+1, c+x\} \{c+2\} \{c+a\} \{c+c\}$

$c=2$

$\{1, x\} \{2, c\} \{a, 1+1, 1+x, x+1, x+x\} \{x+2, x+c, 1+2, 1+c\} \{x+a, 1+a\}$
 $\{2+1, c+1, 2+x, c+x\} \{2+2, 2+c, c+2, c+c\} \{2+a, c+a\} \{a+1, a+x\} \{a+2, a+c\}$
 $\{a+a\}$

$a = c+1$

$\{1, x\} \{2, c\} \{1+1, 1+x, x+1, x+x\} \{x+2, x+c, 1+2, 1+c\} \{x+a, 1+a\}$
 $\{a, 2+1, c+1, 2+x, c+x\} \{2+2, 2+c, c+2, c+c\} \{2+a, c+a\} \{a+1, a+x\} \{a+2, a+c\} \{a+a\}$

$a = 1+1$

$\{1, x\} \{2, c\} \{1+1, 1+x, x+1, x+x\} \{x+2, x+c, 1+2, 1+c\} \{x+a, 1+a\}$
 $\{a, 2+1, c+1, 2+x, c+x\} \{2+2, 2+c, c+2, c+c\} \{2+a, c+a\} \{a+1, a+x\} \{a+2, a+c\} \{a+a\}$

$a = 2+1$

$\{1, x\} \{2, c\} \{1+1, 1+x, x+1, x+2\} \{x+2, x+c, 1+2, 1+c\} \{x+a, 1+a\}$
 $\{a, 2+1, c+1, 2+x, c+x\} \{2+2, 2+c, c+2, c+c\} \{2+a, c+a\} \{a+1, a+x\}$
 $\{a+2, a+c\} \{a+a\}$