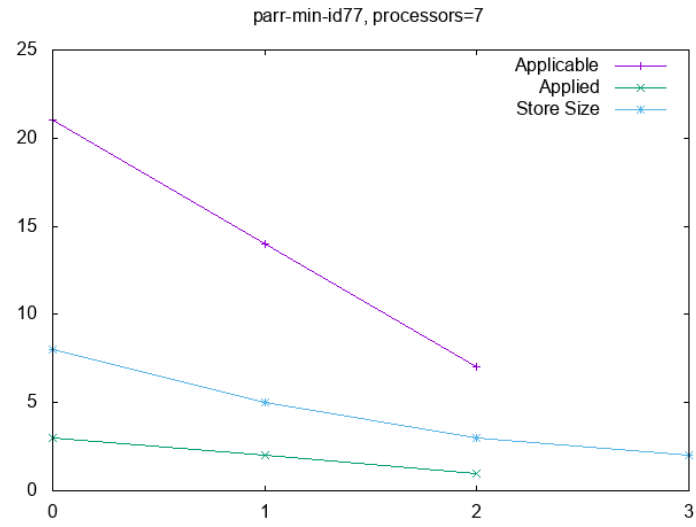


```

Store = Query = [ fib (7) , [] ]
[ fib (7) , [] ]
[ fib (5) , fib (6) , [] ]
[ fib (3) , fib (4) , fib (4) , fib (5) , [] ]
[ fib (2) , fib (3) , fib (2) , fib (3) , fib (3) , fib (4) , fib (1) , fib (2)
, [] ]
[ sum (1) , fib (0) , fib (1) , fib (0) , fib (1) , fib (0) , fib (1) , fib (1) ,
fib (2) , fib (1) , fib (2) , fib (1) , fib (2) , fib (4) , [] ]
[ sum (1) , sum (1) , sum (1) , sum (1) , sum (1) , fib (2) , fib (3) , fib (0) ,
fib (1) , fib (0) , fib (1) , fib (0) , fib (1) , fib (1) , fib (1) , fib
(1) , fib (2) , [] ]
[ sum (2) , sum (2) , sum (1) , fib (2) , fib (3) , fib (0) , fib (1) , fib (0) ,
fib (1) , fib (0) , fib (1) , fib (1) , fib (1) , fib (1) , fib (2) , [] ]
[ sum (1) , sum (4) , sum (1) , sum (1) , fib (2) , fib (3) , fib (1) , fib (1) ,
fib (0) , fib (1) , fib (1) , fib (1) , fib (1) , fib (2) , [] ]
[ sum (2) , sum (1) , sum (5) , fib (2) , fib (3) , fib (1) , fib (1) , fib (1) ,
fib (1) , fib (1) , fib (1) , fib (2) , [] ]
[ sum (3) , sum (5) , fib (2) , fib (3) , fib (1) , fib (1) , fib (1) , fib (1) ,
fib (1) , fib (1) , fib (2) , [] ]
[ sum (1) , sum (1) , sum (3) , sum (5) , fib (0) , fib (1) , fib (3) , fib (1) ,
fib (1) , fib (1) , fib (1) , fib (2) , [] ]
[ sum (6) , sum (1) , sum (1) , sum (3) , fib (0) , fib (3) , fib (1) , fib (1) ,
fib (1) , fib (1) , fib (2) , [] ]
[ sum (1) , sum (7) , sum (4) , fib (0) , fib (3) , fib (1) , fib (1) , fib (1) ,
fib (2) , [] ]
[ sum (1) , sum (1) , sum (5) , sum (7) , fib (3) , fib (1) , fib (1) , fib (2)
, [] ]
[ sum (8) , sum (6) , sum (1) , fib (3) , fib (1) , fib (2) , [] ]
[ sum (8) , sum (6) , sum (1) , fib (0) , fib (1) , fib (3) , fib (1) , [] ]
[ sum (7) , sum (8) , fib (0) , fib (1) , fib (3) , fib (1) , [] ]
[ sum (7) , sum (8) , fib (1) , fib (2) , fib (0) , fib (1) , fib (1) , [] ]

```

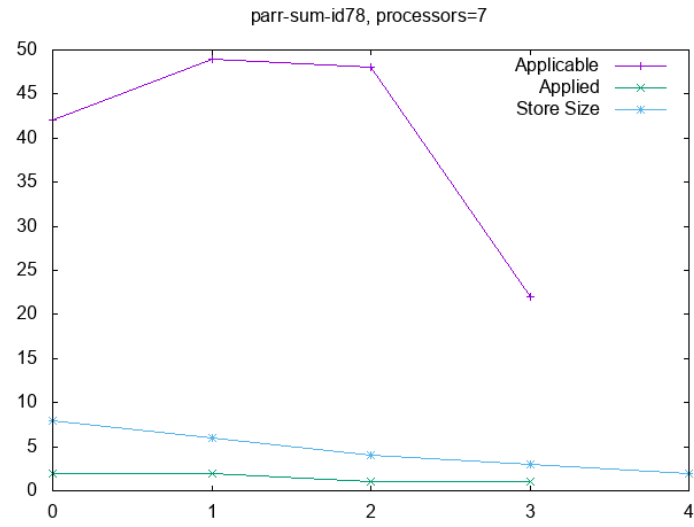
```
[sum(15),sum(1),fib(1),fib(2),fib(1),fib(1),[]]  
[sum(1),sum(15),sum(1),fib(2),fib(1),fib(1),[]]  
[sum(1),sum(2),sum(15),fib(0),fib(1),fib(1),[]]  
[sum(1),sum(16),sum(1),sum(1),sum(2),[]]  
[sum(3),sum(17),sum(1),[]]  
[sum(4),sum(17),[]]  
[sum(4),sum(17),[]]  
[sum(21),[]]  
[sum(21),[]]  
[sum(21),[]]
```



```

Store = Query = [min(2) ,min(6) ,min(4) ,min(7) ,min(5) ,min
                  (1) ,min(3) ,[]]
[ min(2) ,min(6) ,min(4) ,min(7) ,min(5) ,min(1) ,min(3) ,[] ]
[ min(4) ,min(7) ,min(5) ,min(1) ,[] ]
[ min(4) ,min(1) ,[] ]
[ min(1) ,[] ]

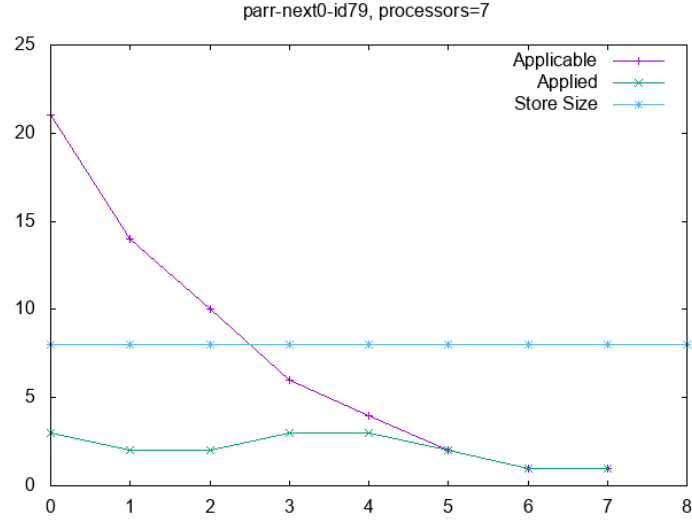
```



```

Store = Query = [sum(1) ,sum(7) ,sum(5) ,sum(6) ,sum(4) ,sum
(2) ,sum(3) ,[]]
[sum(1) ,sum(7) ,sum(5) ,sum(6) ,sum(4) ,sum(2) ,sum(3) ,[]]
[sum(13) ,sum(7) ,sum(1) ,sum(5) ,sum(2) ,[]]
[sum(15) ,sum(12) ,sum(1) ,[]]
[sum(13) ,sum(15) ,[]]
[sum(13) ,sum(15) ,[]]
[sum(13) ,sum(15) ,[]]
[sum(13) ,sum(15) ,[]]
[sum(28) ,[]]
[sum(28) ,[]]
[sum(28) ,[]]
[sum(28) ,[]]

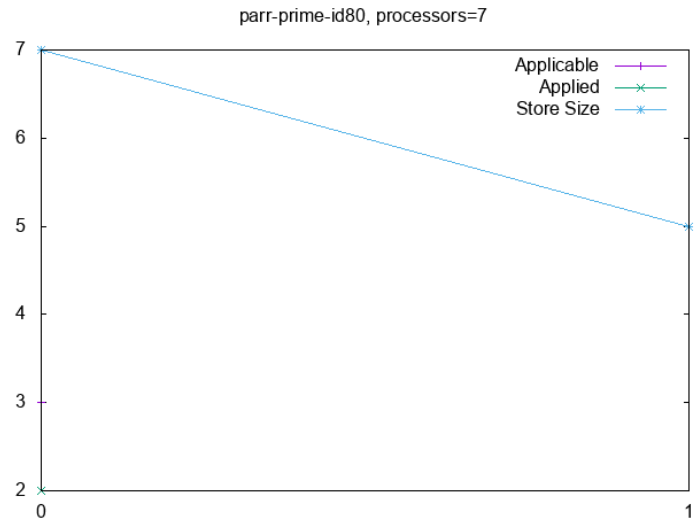
```



```

Store = Query = [next(0,3),next(0,1),next(0,7),next(0,4),
                  next(0,5),next(0,6),next(0,2),[]]
[ next(0,3),next(0,1),next(0,7),next(0,4),next(0,5),next
  (0,6),next(0,2),[]]
[ next(1,4),next(3,7),next(2,6),next(0,3),next(0,1),next
  (0,5),next(0,2),[]]
[ next(1,3),next(1,2),next(1,4),next(3,7),next(2,6),next
  (0,1),next(0,5),[]]
[ next(2,4),next(2,3),next(1,2),next(3,7),next(2,6),next
  (0,1),next(0,5),[]]
[ next(3,4),next(3,6),next(1,5),next(2,3),next(1,2),next
  (3,7),next(0,1),[]]
[ next(4,7),next(4,6),next(2,5),next(3,4),next(2,3),next
  (1,2),next(0,1),[]]
[ next(6,7),next(3,5),next(4,6),next(3,4),next(2,3),next
  (1,2),next(0,1),[]]
[ next(4,5),next(6,7),next(4,6),next(3,4),next(2,3),next
  (1,2),next(0,1),[]]
[ next(5,6),next(4,5),next(6,7),next(3,4),next(2,3),next
  (1,2),next(0,1),[]]

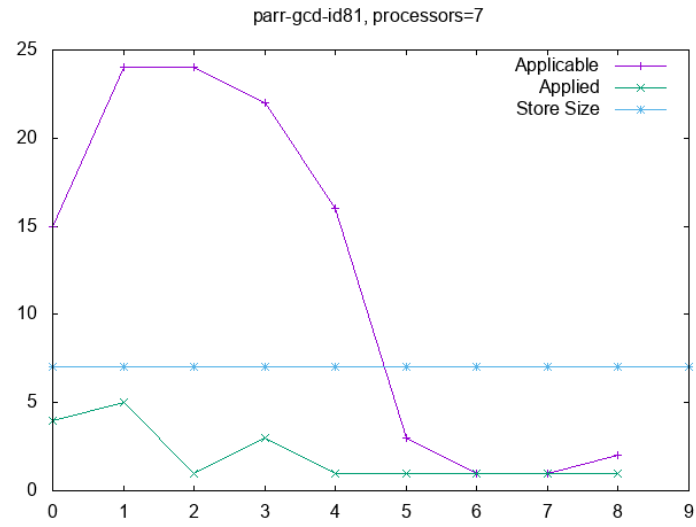
```



```

Store = Query = [prime(5),prime(2),prime(6),prime(3),
                  prime(4),prime(7),[]]
[prime(5),prime(2),prime(6),prime(3),prime(4),prime(7)
 ,[]]
[prime(5),prime(2),prime(3),prime(7),[]]

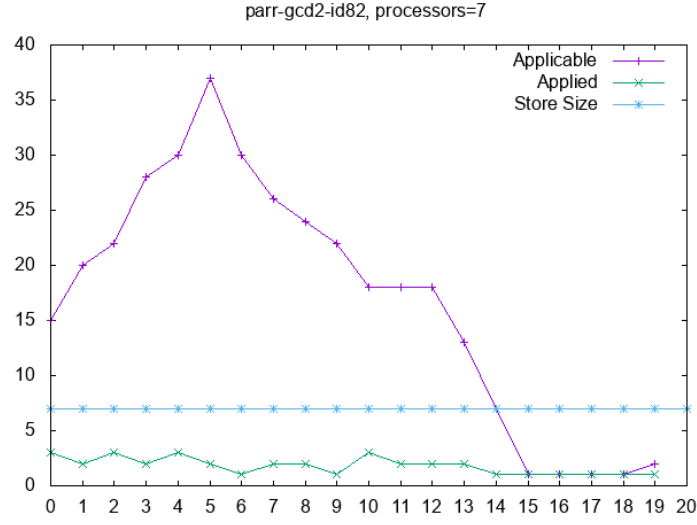
```



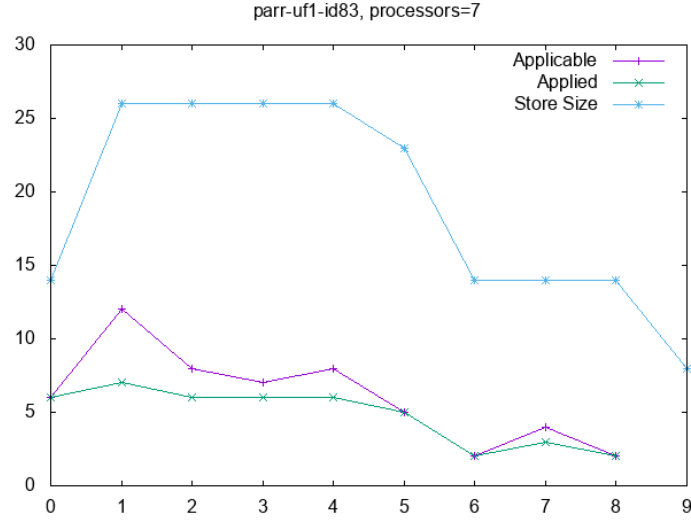
```

Store = Query = [gcd(5),gcd(7),gcd(2),gcd(6),gcd(3),gcd
(4),[]]
[gcd(5),gcd(7),gcd(2),gcd(6),gcd(3),gcd(4),[]]
[gcd(2),gcd(1),gcd(3),gcd(1),gcd(7),gcd(2),[]]
[gcd(0),gcd(1),gcd(6),gcd(0),gcd(2),gcd(1),[]]
[gcd(1),gcd(0),gcd(1),gcd(6),gcd(0),gcd(1),[]]
[gcd(0),gcd(0),gcd(5),gcd(0),gcd(0),gcd(1),[]]
[gcd(4),gcd(0),gcd(0),gcd(0),gcd(0),gcd(1),[]]
[gcd(4),gcd(0),gcd(0),gcd(0),gcd(0),gcd(1),[]]
[gcd(3),gcd(0),gcd(0),gcd(0),gcd(0),gcd(1),[]]
[gcd(2),gcd(0),gcd(0),gcd(0),gcd(0),gcd(1),[]]
[gcd(1),gcd(0),gcd(0),gcd(0),gcd(0),gcd(1),[]]
[gcd(0),gcd(0),gcd(0),gcd(0),gcd(0),gcd(1),[]]

```



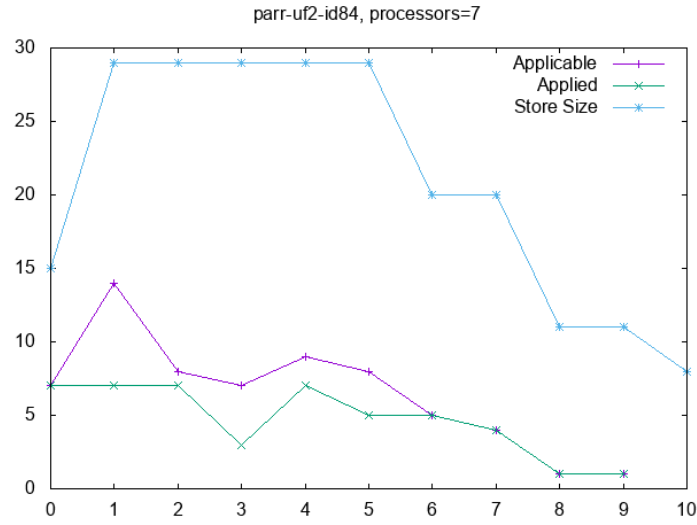
Store = Query = [gcd(24),gcd(36),gcd(11),gcd(16),gcd(7),
gcd(5),[]]
[gcd(24),gcd(36),gcd(11),gcd(16),gcd(7),gcd(5),[]]
[gcd(19),gcd(29),gcd(9),gcd(11),gcd(7),gcd(5),[]]
[gcd(2),gcd(22),gcd(19),gcd(9),gcd(7),gcd(5),[]]
[gcd(2),gcd(14),gcd(3),gcd(2),gcd(22),gcd(7),[]]
[gcd(11),gcd(4),gcd(2),gcd(3),gcd(2),gcd(22),[]]
[gcd(7),gcd(2),gcd(20),gcd(2),gcd(3),gcd(2),[]]
[gcd(0),gcd(0),gcd(7),gcd(20),gcd(3),gcd(2),[]]
[gcd(18),gcd(0),gcd(0),gcd(7),gcd(3),gcd(2),[]]
[gcd(11),gcd(1),gcd(0),gcd(0),gcd(7),gcd(2),[]]
[gcd(10),gcd(5),gcd(1),gcd(0),gcd(0),gcd(2),[]]
[gcd(3),gcd(10),gcd(1),gcd(0),gcd(0),gcd(2),[]]
[gcd(2),gcd(9),gcd(1),gcd(1),gcd(0),gcd(0),[]]
[gcd(8),gcd(1),gcd(1),gcd(1),gcd(0),gcd(0),[]]
[gcd(7),gcd(0),gcd(1),gcd(1),gcd(0),gcd(0),[]]
[gcd(0),gcd(6),gcd(0),gcd(1),gcd(0),gcd(0),[]]
[gcd(5),gcd(0),gcd(0),gcd(1),gcd(0),gcd(0),[]]
[gcd(4),gcd(0),gcd(0),gcd(1),gcd(0),gcd(0),[]]
[gcd(3),gcd(0),gcd(0),gcd(1),gcd(0),gcd(0),[]]
[gcd(2),gcd(0),gcd(0),gcd(1),gcd(0),gcd(0),[]]
[gcd(1),gcd(0),gcd(0),gcd(1),gcd(0),gcd(0),[]]
[gcd(0),gcd(0),gcd(0),gcd(1),gcd(0),gcd(0),[]]



```

Store = Query = [ union (7,6) , union (4,7) , union (1,4) , union
                  (5,1) , union (3,5) , union (2,3) , root (7) , root (6) , root (5) ,
                  root (4) , root (3) , root (2) , root (1) , [] ]
[ union (7,6) , union (4,7) , union (1,4) , union (5,1) , union (3,5) ,
  union (2,3) , root (7) , root (6) , root (5) , root (4) , root (3) ,
  root (2) , root (1) , [] ]
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[ link (_23235964 , _23235952) , link (_23236012 , _23236000) ,
  point (7,1) , point (3,2) , point (5,3) , point (4,1) , point (6,7)
  , root (2) , root (1) , found (2, _23235964) , found (1, _23236012)
  , found (1, _23235952) , found (7, _23236000) , [] ]
[ link (_23235964 , _23235952) , link (_23236012 , _23236000) ,
  point (1,2) , point (7,1) , point (3,2) , point (5,3) , point (4,1)
  , point (6,7) , root (2) , found (1, _23236000) , found (2,
  _23235964) , found (1, _23236012) , found (1, _23235952) , [] ]
[ link (_23235964 , _23235952) , link (_23236012 , _23236000) ,
  point (1,2) , point (7,1) , point (3,2) , point (5,3) , point (4,1)
  , point (6,7) , root (2) , found (2, _23236012) , found (2,
  _23236000) , found (2, _23235952) , found (2, _23235964) , [] ]
[ point (1,2) , point (7,1) , point (3,2) , point (5,3) , point (4,1) ,
  point (6,7) , root (2) , [] ]

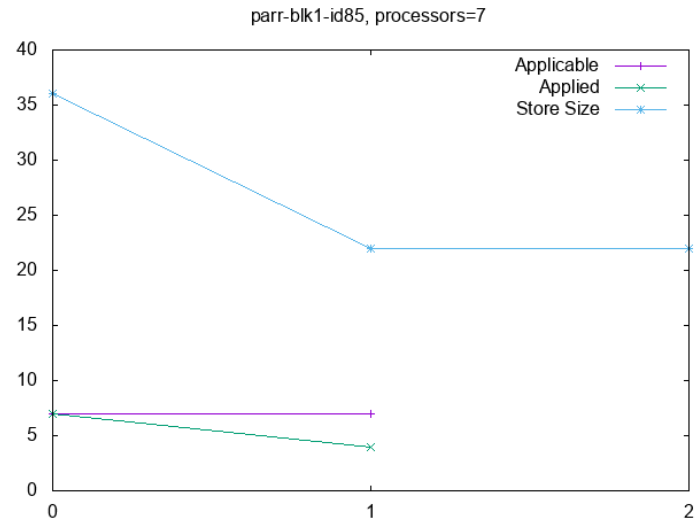
```



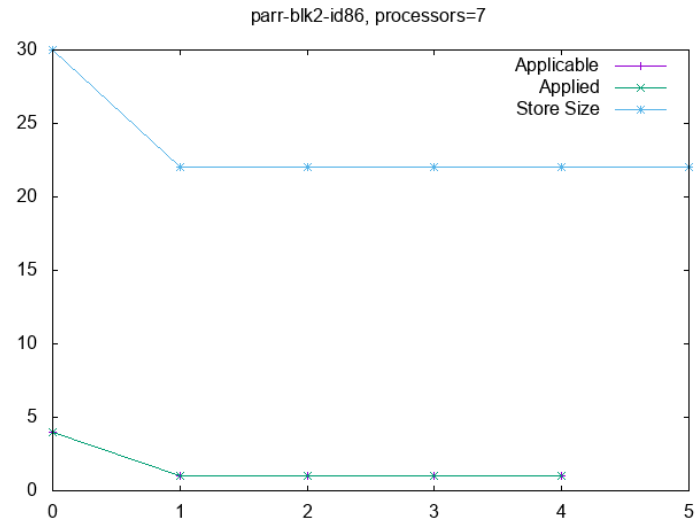
```

Store = Query = [ union (3,6) , union (5,3) , union (7,5) , union
    (1,7) , union (3,1) , union (4,3) , union (7,4) , root (7) , root (6)
    , root (5) , root (4) , root (3) , root (2) , root (1) , [] ]
[ union (3,6) , union (5,3) , union (7,5) , union (1,7) , union (3,1) ,
    union (4,3) , union (7,4) , root (7) , root (6) , root (5) , root (4) ,
    root (3) , root (2) , root (1) , [] ]
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[ find (1, _23238490) , link (_23238490, _23238478) , point (5,1) ,
    point (4,1) , point (7,1) , point (3,5) , point (6,3) , root (2) ,
    root (1) , found (1, _23238478) , [] ]
[ link (_23238490, _23238478) , point (5,1) , point (4,1) , point
    (7,1) , point (3,5) , point (6,3) , root (2) , root (1) , found (1,
    _23238490) , found (1, _23238478) , [] ]
[ point (5,1) , point (4,1) , point (7,1) , point (3,5) , point (6,3) ,
    root (2) , root (1) , [] ]

```



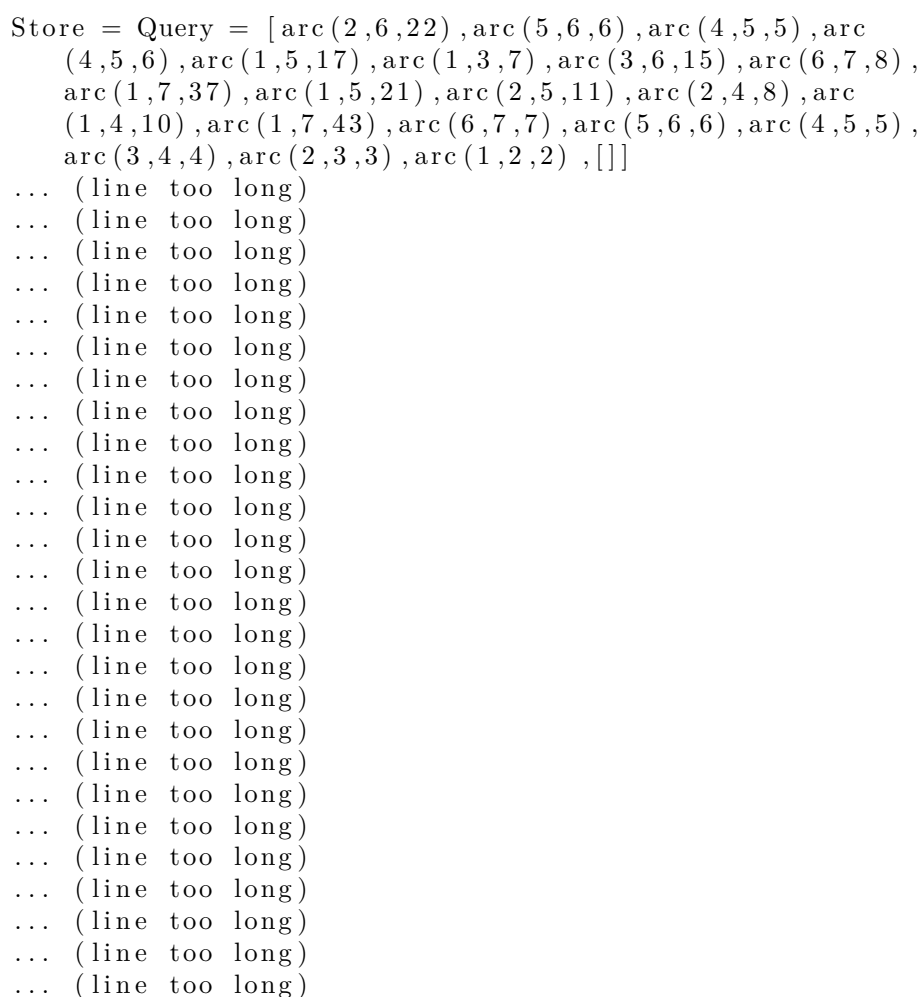
```
Store = Query = [grab(7,107),grab(6,106),grab(5,105),grab
(4,104),grab(3,103),grab(2,102),grab(1,101),empty(7),
empty(6),empty(5),empty(4),empty(3),empty(2),empty(1),
clear(107),clear(106),clear(105),clear(104),clear(103)
,clear(102),clear(101),on(107,7),on(106,6),on(105,5),
on(104,4),on(103,3),on(102,2),on(101,1),put(3,6),put
(4,3),put(1,4),put(2,1),put(6,2),put(1,6),put(3,1),[]]
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```

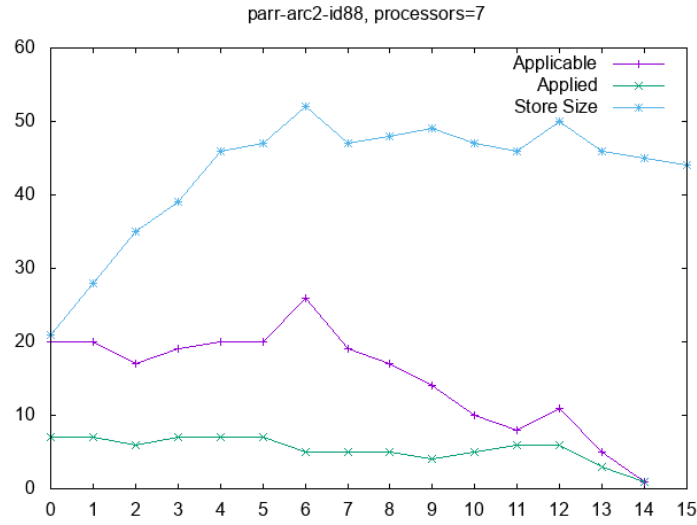
Store = Query = [grab(7,7),grab(6,6),grab(5,5),grab(4,4),
  grab(3,3),grab(2,2),grab(1,1),empty(7),empty(6),empty
  (5),empty(4),empty(3),empty(2),empty(1),clear(7),clear
  (5),clear(3),clear(1),on(7,8),on(5,6),on(3,4),on(1,2),
  put(1,3),put(6,1),put(6,6),put(2,6),put(5,2),put(7,5),
  put(3,7),[]]
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```



[illegible]

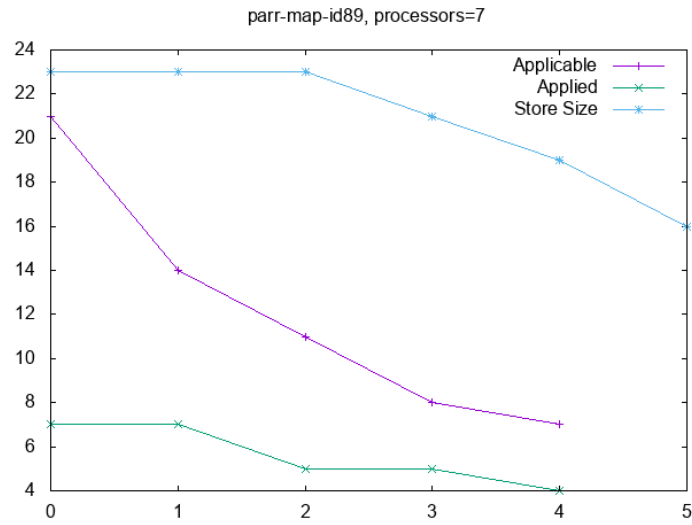
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```

Store = Query = [arc(3,6,15),arc(2,6,18),arc(1,2,2),arc
  (1,7,43),arc(5,7,9),arc(4,5,5),arc(7,9,13),arc(6,9,18)
  ,arc(5,9,25),arc(4,9,34),arc(3,9,45),arc(2,9,58),arc
  (1,9,73),arc(0,7,49),arc(0,6,36),arc(0,5,25),arc
  (0,4,16),arc(0,3,9),arc(0,2,4),arc(0,1,1),[]]
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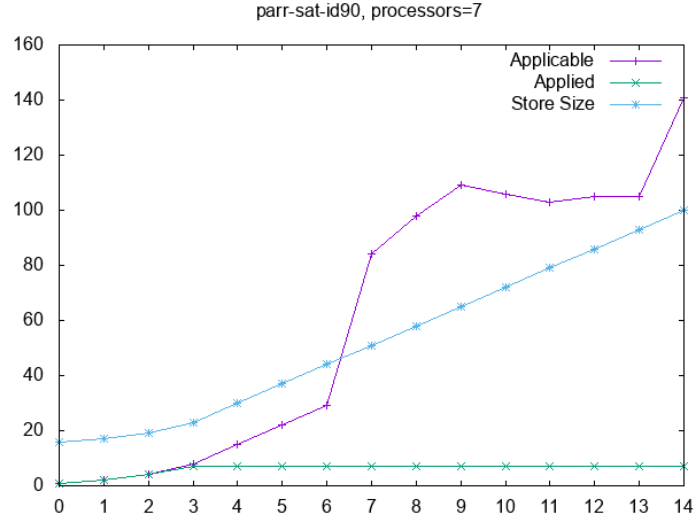
```

```

Store = Query = [mapreduce(cw,cw),data(11),data(9),data
(6),data(8),data(4),data(14),data(7),data(7),data(2),
data(4),data(10),data(13),data(5),data(3),data(3),data
(5),data(6),data(1),data(12),data(2),data(1),[]]
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[mapreduce(cw,cw),data(14),work(cw,5,2),work(cw,1,1),work
(cw,2,2),work(cw,4,1),work(cw,3,1),work(cw,6,2),work(
cw,7,2),work(cw,11,1),work(cw,8,1),work(cw,10,1),work(
cw,13,1),work(cw,4,1),work(cw,3,1),work(cw,9,1),work(
cw,1,1),work(cw,12,1),[]]
[mapreduce(cw,cw),work(cw,14,1),work(cw,1,2),work(cw,3,2)
,work(cw,4,2),work(cw,5,2),work(cw,2,2),work(cw,6,2),
work(cw,7,2),work(cw,11,1),work(cw,8,1),work(cw,10,1),
work(cw,13,1),work(cw,9,1),work(cw,12,1),[]]

```



```

Store = Query = [ f ([1,2,3,4,5,6,7],[ ]),eq(33,neg(3)),eq
(13,or(1,3)),eq(61,and(6,1)),eq(56,or(5,6)),eq(75,and
(7,5)),eq(77,neg(7)),eq(27,or(2,7)),eq(7,v(7)),eq(6,v
(6)),eq(5,v(5)),eq(4,v(4)),eq(3,v(3)),eq(2,v(2)),eq(1,
v(1)),[ ]
[ f ([1,2,3,4,5,6,7],[ ]),eq(33,neg(3)),eq(13,or(1,3)),eq
(61,and(6,1)),eq(56,or(5,6)),eq(75,and(7,5)),eq(77,neg
(7)),eq(27,or(2,7)),eq(7,v(7)),eq(6,v(6)),eq(5,v(5)),
eq(4,v(4)),eq(3,v(3)),eq(2,v(2)),eq(1,v(1)),[ ]
[ f ([2,3,4,5,6,7],[ false(1) ]),f ([2,3,4,5,6,7],[ true(1) ]),
eq(33,neg(3)),eq(13,or(1,3)),eq(61,and(6,1)),eq(56,or
(5,6)),eq(75,and(7,5)),eq(77,neg(7)),eq(27,or(2,7)),eq
(7,v(7)),eq(6,v(6)),eq(5,v(5)),eq(4,v(4)),eq(3,v(3)),
eq(2,v(2)),eq(1,v(1)),[ ]
[ f ([3,4,5,6,7],[ false(2),true(1) ]),f ([3,4,5,6,7],[ true(2)
,true(1) ]),f ([3,4,5,6,7],[ false(2),false(1) ]),f
([3,4,5,6,7],[ true(2),false(1) ]),eq(33,neg(3)),eq(13,
or(1,3)),eq(61,and(6,1)),eq(56,or(5,6)),eq(75,and(7,5)
),eq(77,neg(7)),eq(27,or(2,7)),eq(7,v(7)),eq(6,v(6)),
eq(5,v(5)),eq(4,v(4)),eq(3,v(3)),eq(2,v(2)),eq(1,v(1)
),[ ]
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