

```

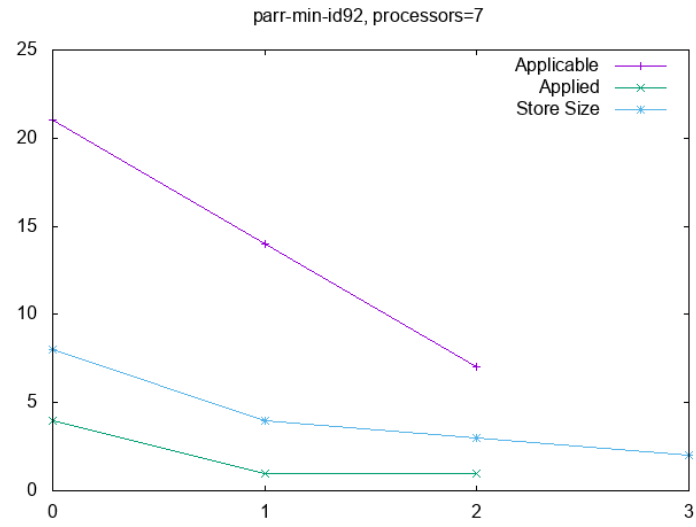
Store = Query = [ fib (7) , [] ]
[ fib (7) , [] ]
[ fib (5) , fib (6) , [] ]
[ fib (4) , fib (5) , fib (3) , fib (4) , [] ]
[ fib (2) , fib (3) , fib (3) , fib (4) , fib (2) , fib (3) , fib (1) , fib (2)
, [] ]
[ sum (1) , fib (0) , fib (1) , fib (0) , fib (1) , fib (1) , fib (2) , fib (1) ,
fib (2) , fib (1) , fib (2) , fib (0) , fib (1) , fib (4) , [] ]
[ sum (1) , sum (1) , sum (1) , sum (1) , sum (1) , sum (1) , fib (0) , fib (1) ,
fib (0) , fib (1) , fib (0) , fib (1) , fib (2) , fib (0) , fib (1) , fib
(4) , [] ]
[ sum (1) , sum (1) , sum (2) , sum (2) , sum (1) , sum (2) , fib (1) , fib (0) ,
fib (1) , fib (2) , fib (0) , fib (1) , fib (4) , [] ]
[ sum (2) , sum (4) , sum (1) , sum (3) , fib (1) , fib (1) , fib (2) , fib (0) ,
fib (1) , fib (4) , [] ]
[ sum (5) , sum (5) , fib (2) , fib (3) , fib (1) , fib (1) , fib (2) , fib (0) ,
fib (1) , [] ]
[ sum (10) , fib (2) , fib (3) , fib (1) , fib (1) , fib (2) , fib (0) , fib (1)
, [] ]
[ sum (1) , sum (10) , fib (0) , fib (1) , fib (3) , fib (1) , fib (2) , fib (0)
, fib (1) , [] ]
[ sum (1) , sum (1) , sum (10) , fib (0) , fib (3) , fib (1) , fib (2) , fib (0)
, fib (1) , [] ]
[ sum (2) , sum (10) , fib (0) , fib (1) , fib (0) , fib (3) , fib (1) , fib (0)
, fib (1) , [] ]
[ sum (1) , sum (2) , sum (10) , fib (1) , fib (0) , fib (3) , fib (1) , fib (0)
, fib (1) , [] ]
[ sum (3) , sum (10) , fib (1) , fib (0) , fib (3) , fib (1) , fib (0) , fib (1)
, [] ]
[ sum (3) , sum (10) , fib (1) , fib (0) , fib (3) , fib (1) , fib (0) , fib (1)
, [] ]

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```

[sum(3),sum(10),fib(1),fib(0),fib(3),fib(1),fib(0),fib(1)
,[]]
[sum(1),sum(13),fib(0),fib(3),fib(1),fib(0),fib(1),[]]
[sum(14),sum(1),fib(3),fib(1),fib(0),fib(1),[]]
[sum(15),sum(1),fib(3),fib(1),fib(1),[]]
[sum(1),sum(16),sum(1),fib(1),fib(2),[]]
[sum(17),sum(1),sum(1),fib(0),fib(1),[]]
[sum(2),sum(1),sum(17),fib(0),[]]
[sum(18),sum(2),fib(0),[]]
[sum(20),sum(1),[]]
[sum(21),[]]

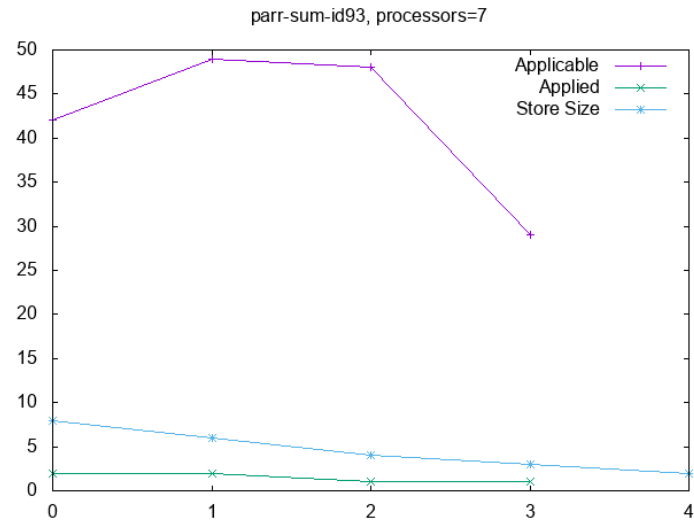
```



```

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

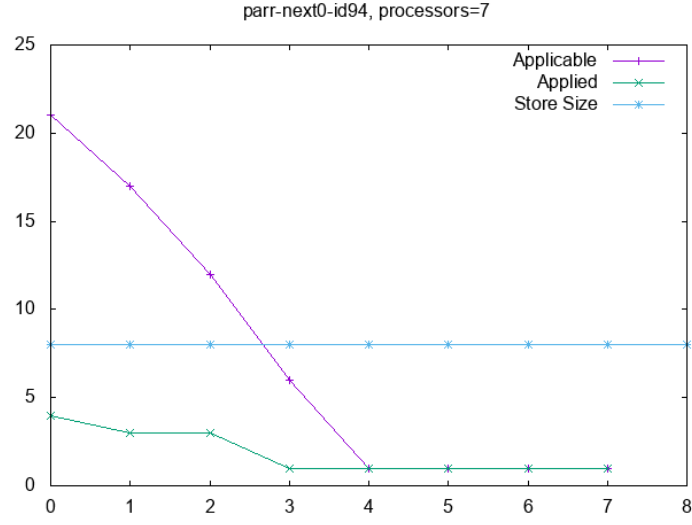
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```

Store = Query = [sum(6) ,sum(7) ,sum(3) ,sum(4) ,sum(5) ,sum
(2) ,sum(1) ,[]]
[sum(6) ,sum(7) ,sum(3) ,sum(4) ,sum(5) ,sum(2) ,sum(1) ,[]]
[sum(6) ,sum(8) ,sum(7) ,sum(3) ,sum(4) ,[]]
[sum(12) ,sum(9) ,sum(7) ,[]]
[sum(19) ,sum(9) ,[]]
[sum(19) ,sum(9) ,[]]
[sum(19) ,sum(9) ,[]]
[sum(28) ,[]]
[sum(28) ,[]]
[sum(28) ,[]]
[sum(28) ,[]]
[sum(28) ,[]]

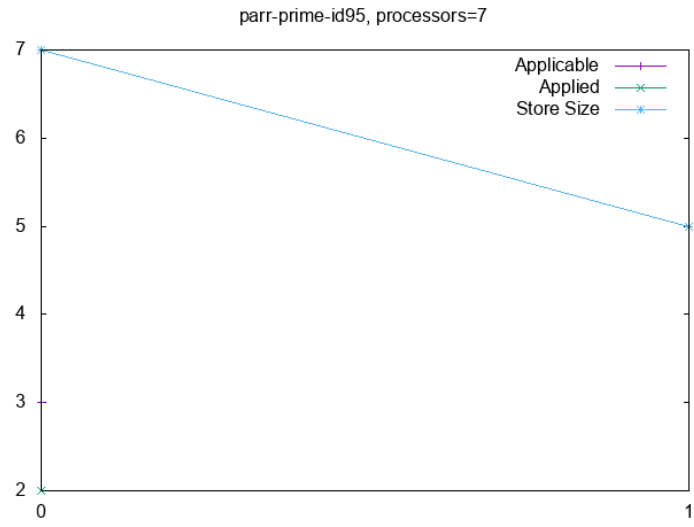
```



```

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

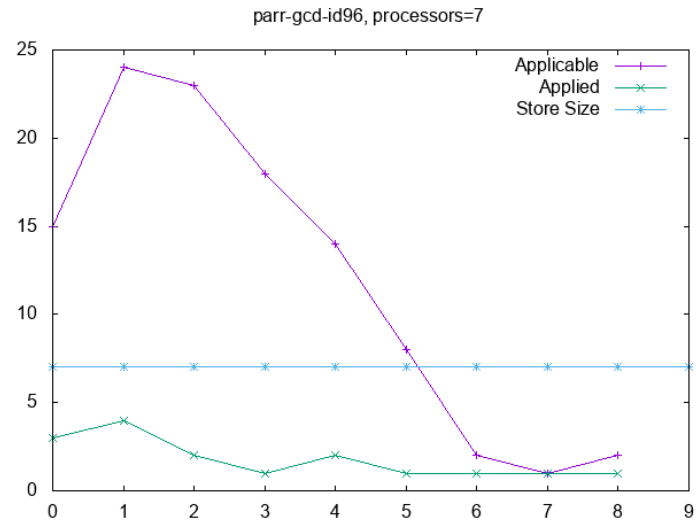
```



```

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

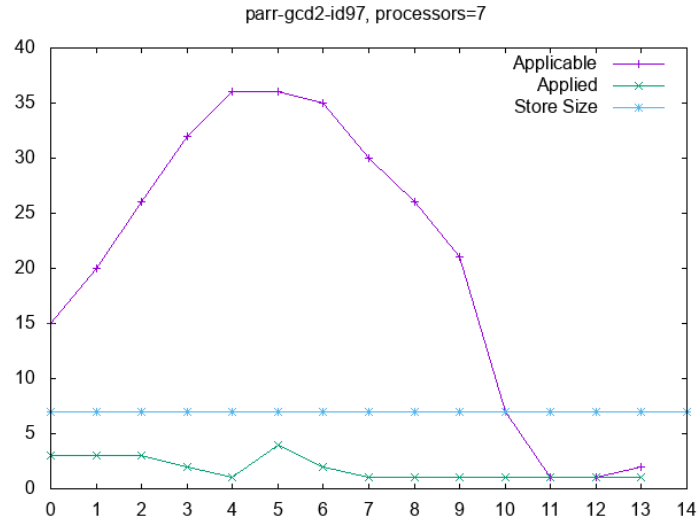
```



```

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

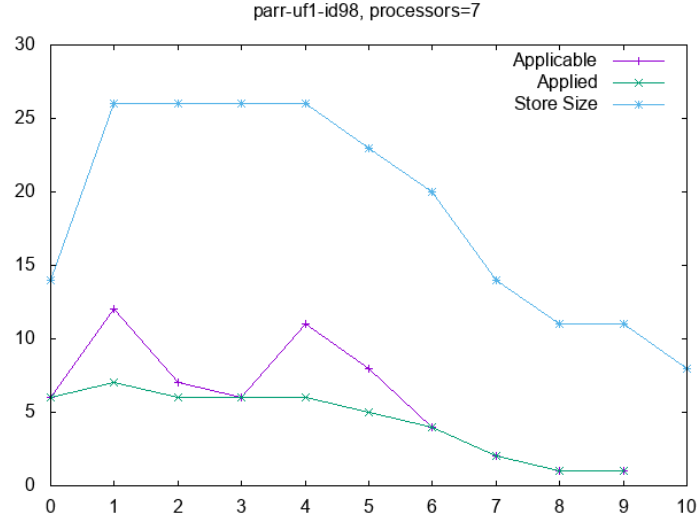
```



```

Store = Query = [gcd(24),gcd(16),gcd(36),gcd(5),gcd(7),
gcd(11),[]]
[gcd(24),gcd(16),gcd(36),gcd(5),gcd(7),gcd(11),[]]
[gcd(20),gcd(9),gcd(17),gcd(5),gcd(7),gcd(11),[]]
[gcd(11),gcd(4),gcd(10),gcd(5),gcd(7),gcd(11),[]]
[gcd(1),gcd(4),gcd(3),gcd(4),gcd(5),gcd(7),[]]
[gcd(3),gcd(1),gcd(1),gcd(3),gcd(4),gcd(7),[]]
[gcd(1),gcd(3),gcd(1),gcd(1),gcd(3),gcd(7),[]]
[gcd(2),gcd(0),gcd(2),gcd(0),gcd(1),gcd(7),[]]
[gcd(0),gcd(5),gcd(0),gcd(2),gcd(0),gcd(1),[]]
[gcd(1),gcd(0),gcd(5),gcd(0),gcd(0),gcd(1),[]]
[gcd(4),gcd(1),gcd(0),gcd(0),gcd(0),gcd(1),[]]
[gcd(0),gcd(4),gcd(0),gcd(0),gcd(0),gcd(1),[]]
[gcd(0),gcd(4),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),[]]

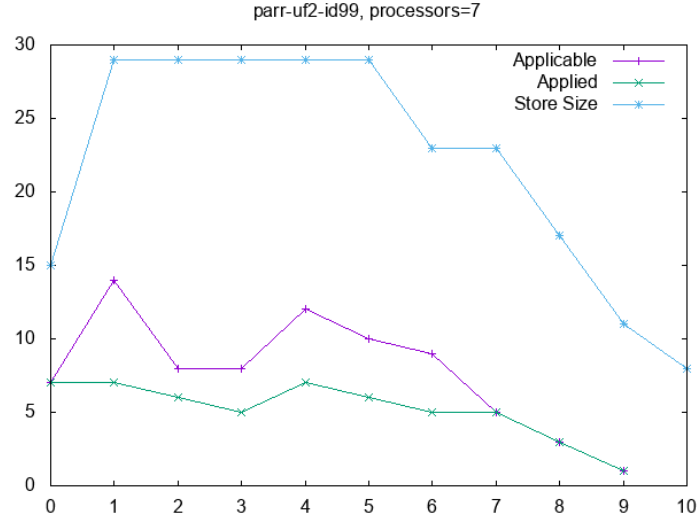
```

```

Store = Query = [union(1,7),union(3,1),union(5,3),union
    (6,5),union(2,6),union(4,2),root(7),root(6),root(5),
    root(4),root(3),root(2),root(1),[]]
[union(1,7),union(3,1),union(5,3),union(6,5),union(2,6),
    union(4,2),root(7),root(6),root(5),root(4),root(3),
    root(2),root(1),[]]
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[link(_23454954,_23454942),link(_23454978,_23454966),
    point(1,3),point(2,4),point(3,5),point(7,1),point(6,2)
    ,root(5),root(4),found(5,_23454954),found(4,_23454978)
    ,found(5,_23454942),found(5,_23454966),[]]
[link(_23454978,_23454966),point(5,4),point(1,3),point
    (2,4),point(3,5),point(7,1),point(6,2),root(4),found
    (4,_23454978),found(5,_23454966),[]]
[link(_23454978,_23454966),point(5,4),point(1,3),point
    (2,4),point(3,5),point(7,1),point(6,2),root(4),found
    (4,_23454966),found(4,_23454978),[]]
[point(5,4),point(1,3),point(2,4),point(3,5),point(7,1),
    point(6,2),root(4),[]]

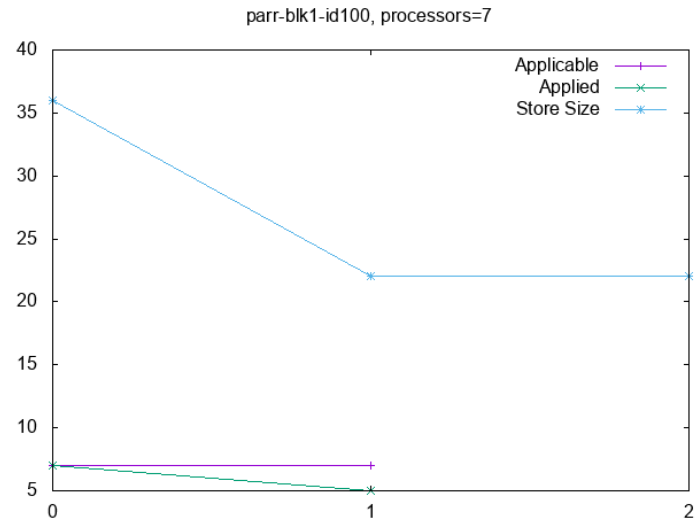
```



```

Store = Query = [ union (1,3) , union (6,1) , union (2,6) , union
                  (3,2) , union (1,3) , union (5,1) , union (6,5) , root (7) , root (6)
                  , root (5) , root (4) , root (3) , root (2) , root (1) , [] ]
[ union (1,3) , union (6,1) , union (2,6) , union (3,2) , union (1,3) ,
  union (5,1) , union (6,5) , root (7) , root (6) , root (5) , root (4) ,
  root (3) , root (2) , root (1) , [] ]
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[ find (2, _23457712) , link ( _23457580 , _23457568 ) , link (
  _23457676 , _23457664 ) , link ( _23457724 , _23457712 ) , point
  (5,2) , point (6,2) , point (1,5) , point (3,1) , root (7) , root (4)
  , root (2) , found (2, _23457580) , found (2, _23457664) , found
  (2, _23457568) , found (2, _23457724) , found (2, _23457676)
  , [] ]
[ link ( _23457724 , _23457712 ) , point (5,2) , point (6,2) , point
  (1,5) , point (3,1) , root (7) , root (4) , root (2) , found (2,
  _23457712) , found (2, _23457724) , [] ]
[ point (5,2) , point (6,2) , point (1,5) , point (3,1) , root (7) , root
  (4) , root (2) , [] ]

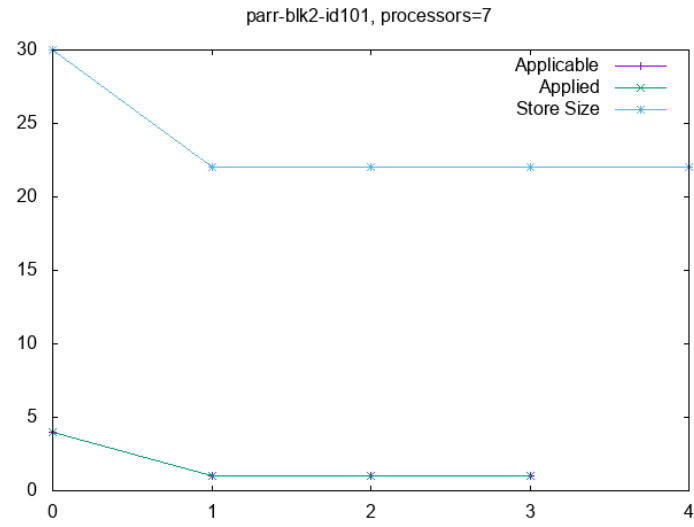
```



```

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(4,1),put
  (6,4),put(1,6),put(5,1),put(7,5),put(3,7),put(6,3),[]]
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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(2,7),put(6,2),put(2,6),put(5,2),put(3,5),put(1,3),
  put(5,1),[]]
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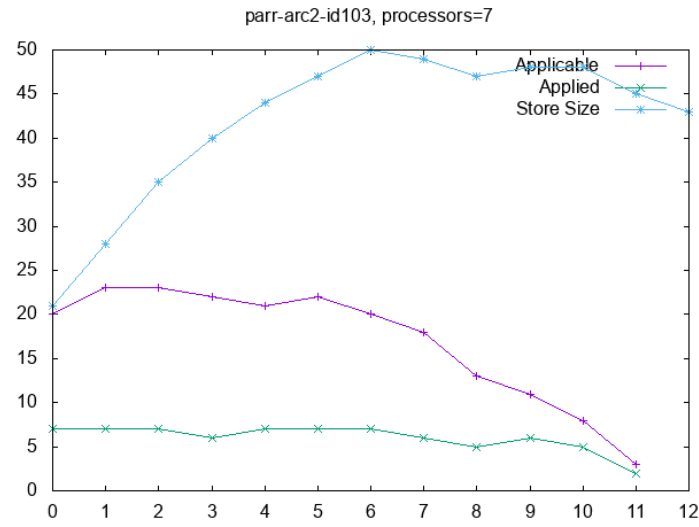
```

[illegible]

[illegible]

[illegible]

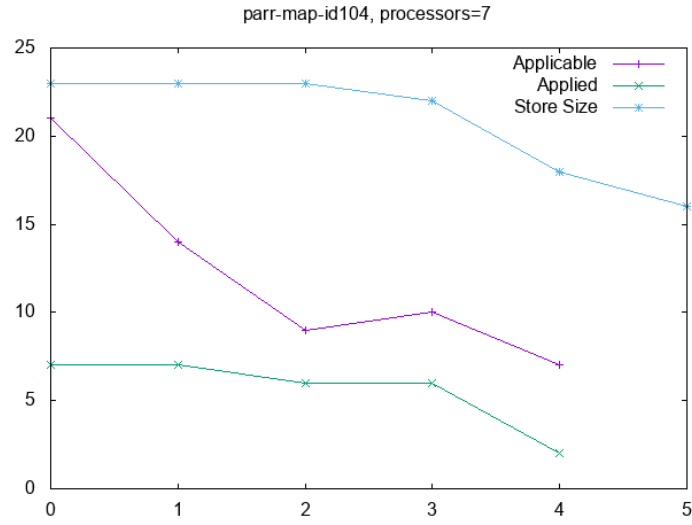
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```

Store = Query = [arc(4,5,6),arc(1,5,17),arc(1,3,7),arc
(2,3,3),arc(2,6,22),arc(6,7,8),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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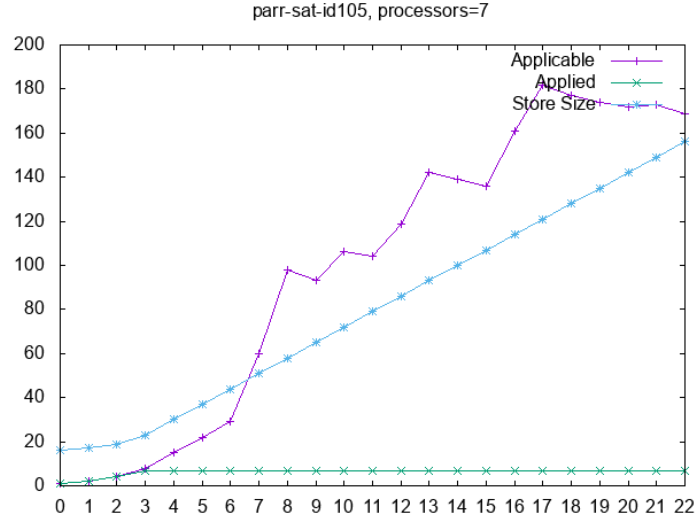
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```

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

```



```

Store = Query = [ f ([1,2,3,4,5,6,7],[ ]),eq(33,neg(3)),eq
  (13,or(1,3)),eq(71,and(7,1)),eq(57,or(5,7)),eq(75,and
  (7,5)),eq(27,or(2,7)),eq(52,and(5,2)),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
  (71,and(7,1)),eq(57,or(5,7)),eq(75,and(7,5)),eq(27,or
  (2,7)),eq(52,and(5,2)),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(71,and(7,1)),eq(57,or
  (5,7)),eq(75,and(7,5)),eq(27,or(2,7)),eq(52,and(5,2)),
  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(71,and(7,1)),eq(57,or(5,7)),eq(75,and(7,5)
  ),eq(27,or(2,7)),eq(52,and(5,2)),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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