

```

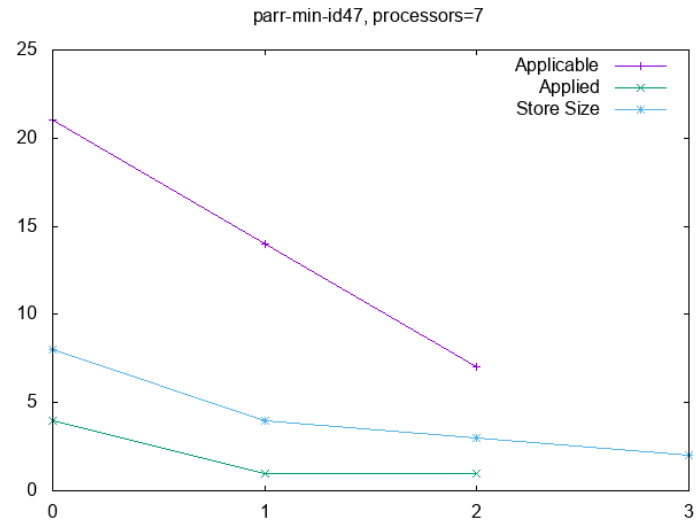
Store = Query = [ fib(7) , [] ]
[ fib(7) , [] ]
[ fib(5) , fib(6) , [] ]
[ fib(3) , fib(4) , fib(4) , fib(5) , [] ]
[ fib(2) , fib(3) , fib(1) , fib(2) , fib(3) , fib(4) , fib(2) , fib(3)
  , [] ]
[ sum(1) , fib(1) , fib(2) , fib(0) , fib(1) , fib(2) , fib(3) , fib(1) ,
  fib(2) , fib(0) , fib(1) , fib(1) , fib(2) , fib(2) , [] ]
[ sum(1) , sum(1) , sum(1) , sum(1) , sum(1) , fib(0) , fib(1) , fib(0) ,
  fib(1) , fib(0) , fib(1) , fib(3) , fib(0) , fib(1) , fib(1) , fib
  (2) , fib(2) , [] ]
[ sum(1) , sum(1) , sum(2) , sum(1) , sum(2) , sum(1) , fib(0) , fib(1) ,
  fib(1) , fib(0) , fib(1) , fib(3) , fib(0) , fib(1) , fib(1) , fib
  (2) , [] ]
[ sum(1) , sum(2) , sum(3) , sum(3) , fib(1) , fib(1) , fib(0) , fib(1) ,
  fib(3) , fib(0) , fib(1) , fib(1) , fib(2) , [] ]
[ sum(5) , sum(1) , sum(3) , fib(1) , fib(1) , fib(0) , fib(1) , fib(3) ,
  fib(0) , fib(1) , fib(1) , fib(2) , [] ]
[ sum(1) , sum(1) , sum(5) , sum(1) , sum(3) , fib(1) , fib(1) , fib(1) ,
  fib(3) , fib(1) , fib(1) , fib(2) , [] ]
[ sum(2) , sum(1) , sum(6) , sum(3) , fib(0) , fib(1) , fib(1) , fib(1) ,
  fib(3) , fib(1) , fib(1) , [] ]
[ sum(5) , sum(1) , sum(6) , fib(0) , fib(1) , fib(1) , fib(1) , fib(3) ,
  fib(1) , fib(1) , [] ]
[ sum(1) , sum(1) , sum(1) , sum(5) , sum(1) , sum(6) , fib(0) , fib(3) ,
  fib(1) , fib(1) , [] ]
[ sum(2) , sum(2) , sum(5) , sum(6) , fib(0) , fib(3) , fib(1) , fib(1)
  , [] ]
[ sum(11) , sum(2) , sum(2) , fib(0) , fib(3) , fib(1) , fib(1) , [] ]
[ sum(1) , sum(13) , sum(2) , fib(0) , fib(3) , fib(1) , [] ]
[ sum(1) , sum(1) , sum(13) , sum(2) , fib(3) , fib(1) , [] ]

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[sum(2),sum(13),sum(2),fib(3),fib(1),[]]
[sum(15),sum(1),sum(2),fib(3),[]]
[sum(17),sum(1),fib(3),[]]
[sum(17),sum(1),fib(3),[]]
[sum(17),sum(1),fib(3),[]]
[sum(17),sum(1),fib(3),[]]
[sum(17),sum(1),fib(3),[]]
[sum(18),fib(3),[]]
[sum(18),fib(3),[]]
[sum(18),fib(3),[]]
[sum(18),fib(1),fib(2),[]]
[sum(18),fib(1),fib(2),[]]
[sum(1),sum(18),fib(2),[]]
[sum(19),fib(0),fib(1),[]]
[sum(1),sum(1),sum(19),[]]
[sum(2),sum(19),[]]
[sum(21),[]]

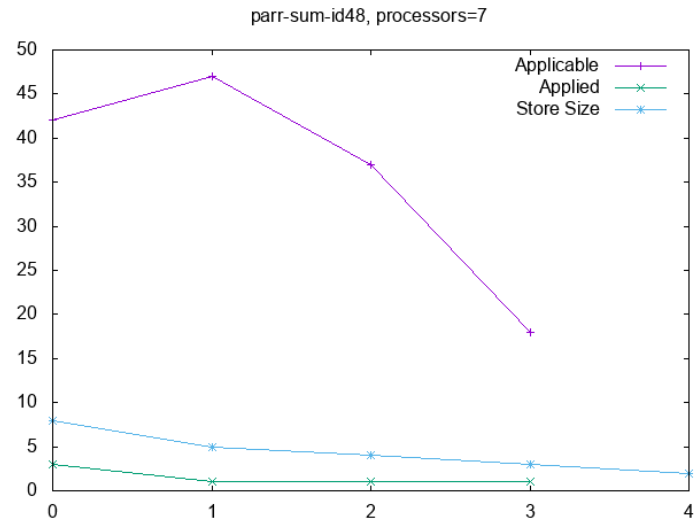
```



```

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

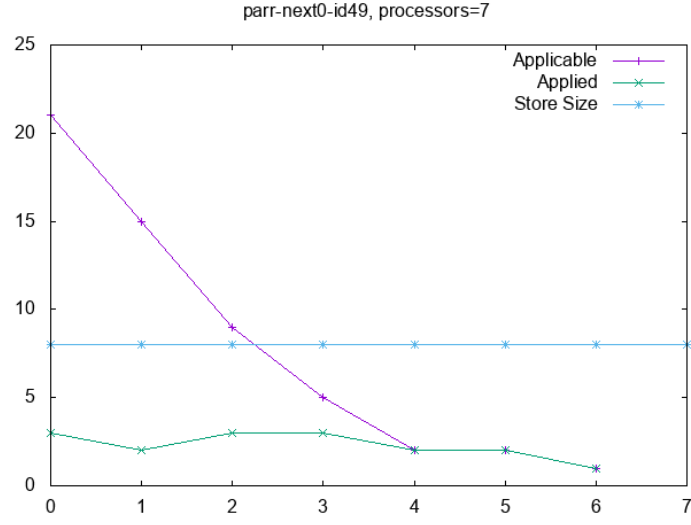
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```

Store = Query = [sum(4) ,sum(2) ,sum(5) ,sum(1) ,sum(7) ,sum
(6) ,sum(3) ,[]]
[sum(4) ,sum(2) ,sum(5) ,sum(1) ,sum(7) ,sum(6) ,sum(3) ,[]]
[sum(8) ,sum(6) ,sum(13) ,sum(1) ,[]]
[sum(19) ,sum(8) ,sum(1) ,[]]
[sum(19) ,sum(8) ,sum(1) ,[]]
[sum(20) ,sum(8) ,[]]
[sum(20) ,sum(8) ,[]]
[sum(20) ,sum(8) ,[]]
[sum(28) ,[]]
[sum(28) ,[]]
[sum(28) ,[]]

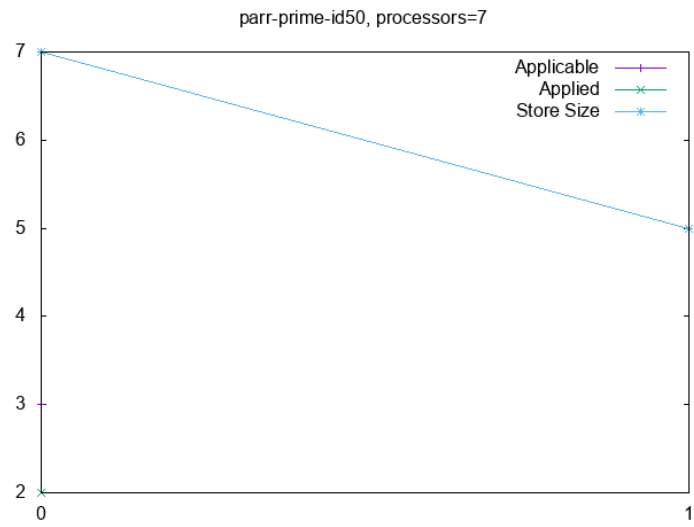
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```

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

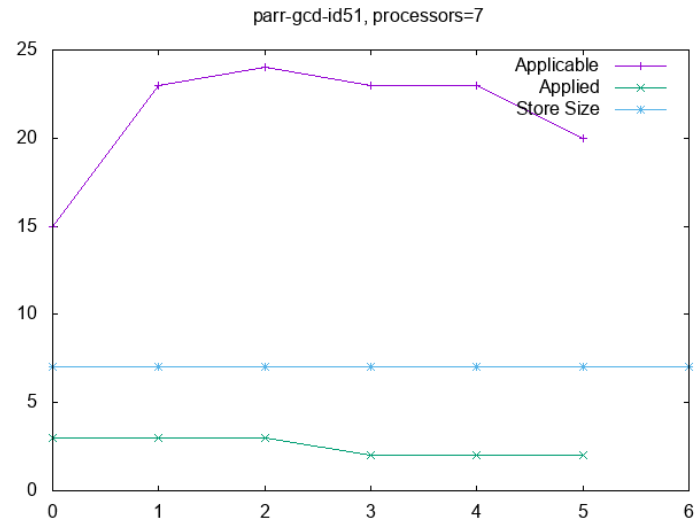
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```

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

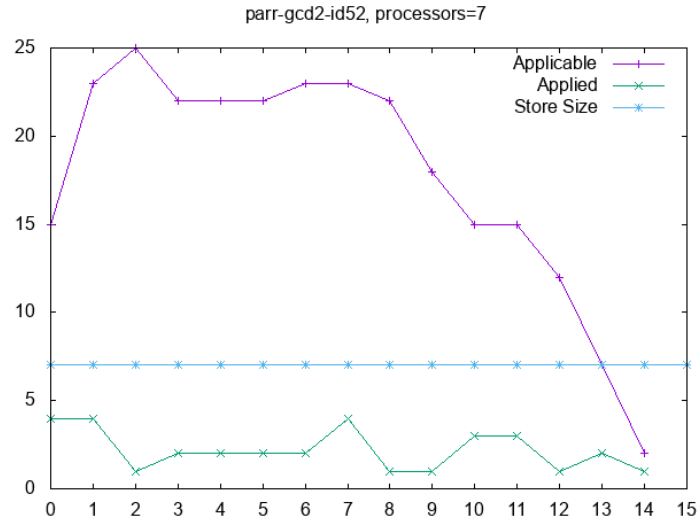
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```

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

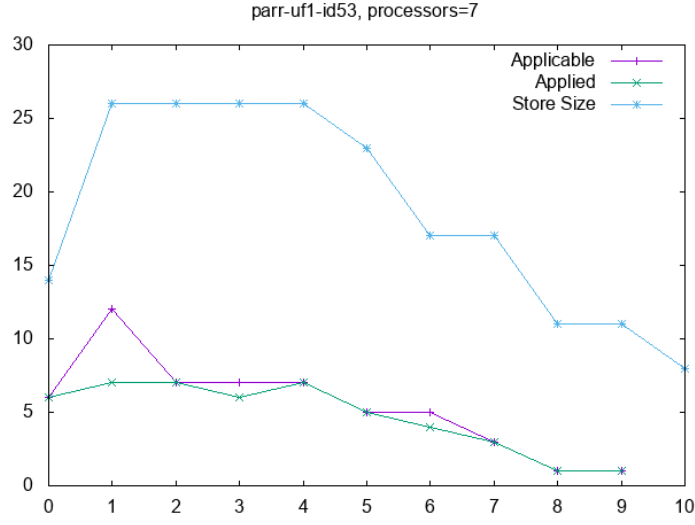
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Store = Query = [gcd(16),gcd(24),gcd(5),gcd(7),gcd(36),
gcd(11),[]]
[gcd(16),gcd(24),gcd(5),gcd(7),gcd(36),gcd(11),[]]
[gcd(17),gcd(25),gcd(2),gcd(5),gcd(5),gcd(11),[]]
[gcd(23),gcd(6),gcd(12),gcd(0),gcd(2),gcd(5),[]]
[gcd(10),gcd(23),gcd(6),gcd(0),gcd(2),gcd(5),[]]
[gcd(21),gcd(3),gcd(10),gcd(6),gcd(0),gcd(2),[]]
[gcd(1),gcd(15),gcd(10),gcd(6),gcd(0),gcd(2),[]]
[gcd(5),gcd(1),gcd(1),gcd(15),gcd(10),gcd(0),[]]
[gcd(9),gcd(4),gcd(1),gcd(1),gcd(15),gcd(0),[]]
[gcd(6),gcd(8),gcd(0),gcd(3),gcd(1),gcd(0),[]]
[gcd(5),gcd(6),gcd(0),gcd(3),gcd(1),gcd(0),[]]
[gcd(5),gcd(5),gcd(0),gcd(3),gcd(1),gcd(0),[]]
[gcd(4),gcd(4),gcd(2),gcd(0),gcd(1),gcd(0),[]]
[gcd(0),gcd(1),gcd(3),gcd(0),gcd(1),gcd(0),[]]
[gcd(2),gcd(0),gcd(1),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),[]]

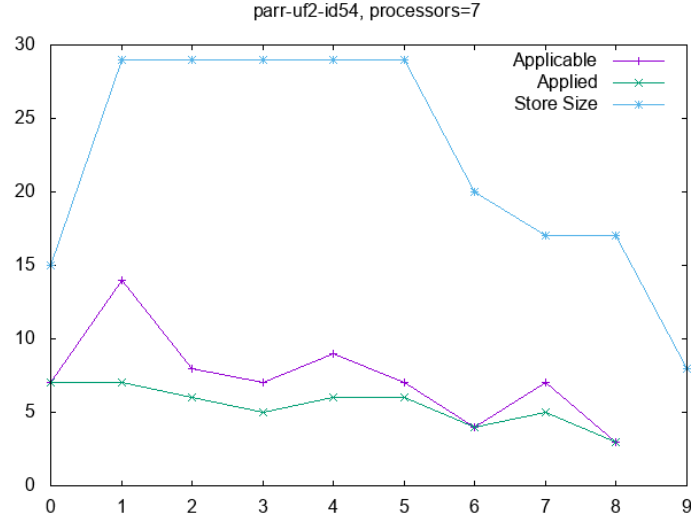
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```

Store = Query = [ union (3,6) , union (2,3) , union (7,2) , union
                  (5,7) , union (4,5) , union (1,4) , root (7) , root (6) , root (5) ,
                  root (4) , root (3) , root (2) , root (1) , [] ]
[ union (3,6) , union (2,3) , union (7,2) , union (5,7) , union (4,5) ,
  union (1,4) , root (7) , root (6) , root (5) , root (4) , root (3) ,
  root (2) , root (1) , [] ]
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[ link (_529944, _529932) , link (_529968, _529956) , link (_530040
  , _530028) , point (7,1) , point (3,2) , point (2,7) , point (5,4) ,
  point (4,1) , root (6) , root (1) , found (7, _529932) , found (7,
  _530040) , found (1, _529968) , found (7, _529944) , found (7,
  _529956) , found (6, _530028) , [] ]
[ link (_529944, _529932) , link (_529968, _529956) , link (_530040
  , _530028) , point (7,1) , point (3,2) , point (2,7) , point (5,4) ,
  point (4,1) , root (6) , root (1) , found (1, _529944) , found (1,
  _529932) , found (1, _529956) , found (1, _530040) , found (1,
  _529968) , found (6, _530028) , [] ]
[ link (_530040, _530028) , point (6,1) , point (7,1) , point (3,2) ,
  point (2,7) , point (5,4) , point (4,1) , root (1) , found (1,
  _530040) , found (6, _530028) , [] ]
[ link (_530040, _530028) , point (6,1) , point (7,1) , point (3,2) ,
  point (2,7) , point (5,4) , point (4,1) , root (1) , found (1,
  _530028) , found (1, _530040) , [] ]
[ point (6,1) , point (7,1) , point (3,2) , point (2,7) , point (5,4) ,
  point (4,1) , root (1) , [] ]

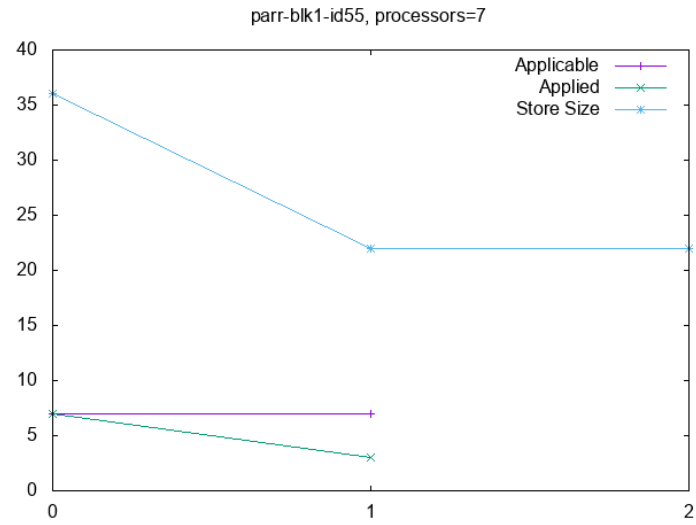
```



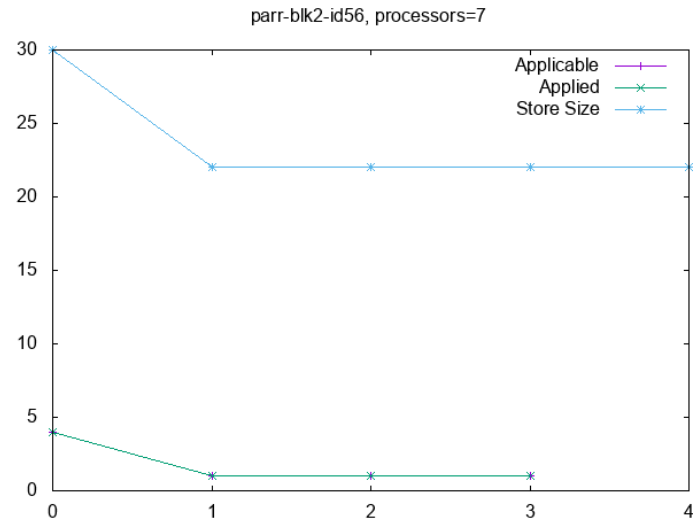
```

Store = Query = [ union (4,7) , union (1,4) , union (7,1) , union
                  (3,7) , union (5,3) , union (2,5) , union (5,2) , root (7) , root (6)
                  , root (5) , root (4) , root (3) , root (2) , root (1) , [] ]
[ union (4,7) , union (1,4) , union (7,1) , union (3,7) , union (5,3) ,
  union (2,5) , union (5,2) , root (7) , root (6) , root (5) , root (4) ,
  root (3) , root (2) , root (1) , [] ]
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[ link (_532686 , _532674) , link (_532734 , _532722) , link (_532806
  , _532794) , point (7,2) , point (1,7) , point (5,2) , point (4,1) ,
  point (3,5) , root (6) , root (2) , found (7, _532674) , found (7,
  _532734) , found (2, _532806) , found (7, _532686) , found (7,
  _532722) , found (7, _532794) , [] ]
[ link (_532686 , _532674) , link (_532734 , _532722) , link (_532806
  , _532794) , point (7,2) , point (1,7) , point (5,2) , point (4,1) ,
  point (3,5) , root (6) , root (2) , found (2, _532674) , found (2,
  _532794) , found (2, _532722) , found (2, _532734) , found (2,
  _532686) , found (2, _532806) , [] ]
[ point (7,2) , point (1,7) , point (5,2) , point (4,1) , point (3,5) ,
  root (6) , root (2) , [] ]

```



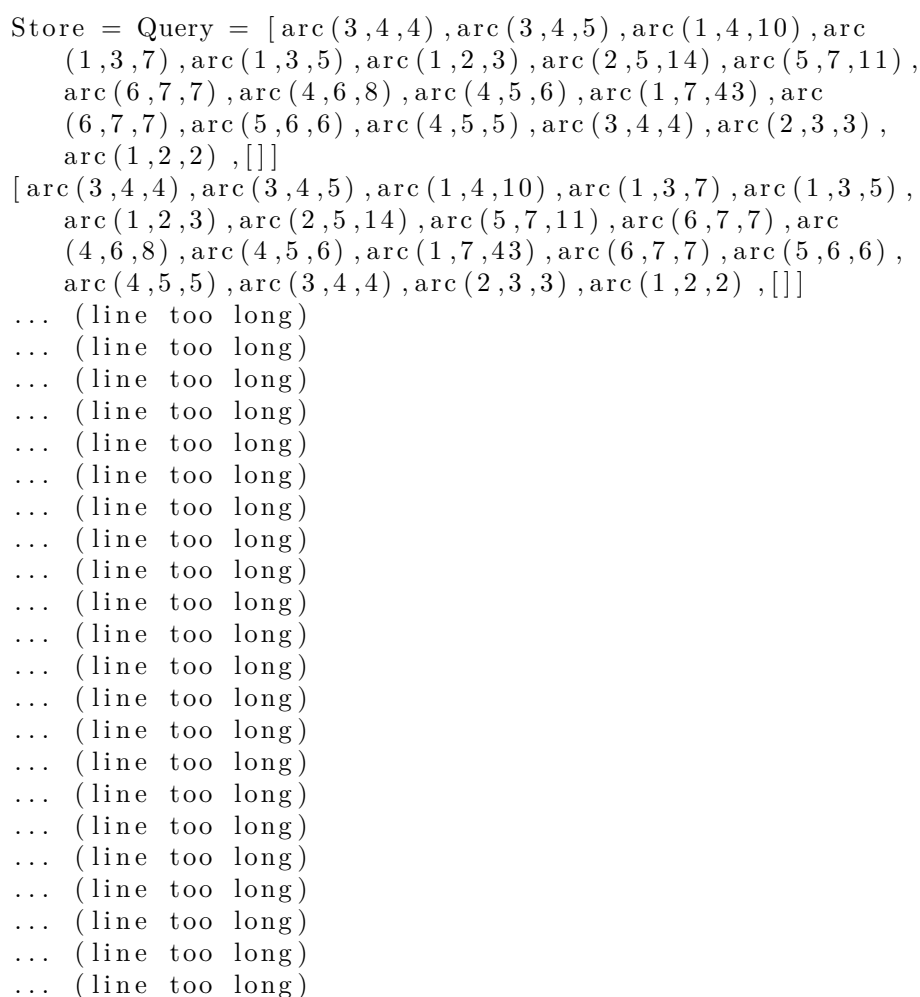
```
Store = Query = [grab(7,107),grab(6,106),grab(5,105),grab
(4,104),grab(3,103),grab(2,102),grab(1,101),empty(7),
empty(6),empty(5),empty(4),empty(3),empty(2),empty(1),
clear(107),clear(106),clear(105),clear(104),clear(103)
,clear(102),clear(101),on(107,7),on(106,6),on(105,5),
on(104,4),on(103,3),on(102,2),on(101,1),put(6,5),put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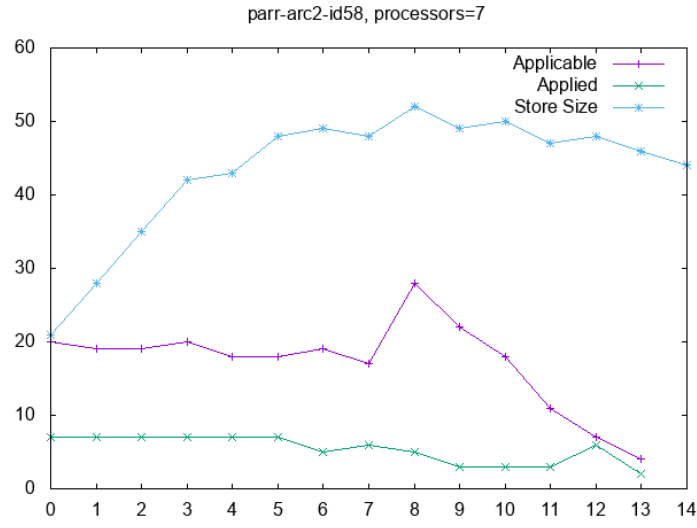
```

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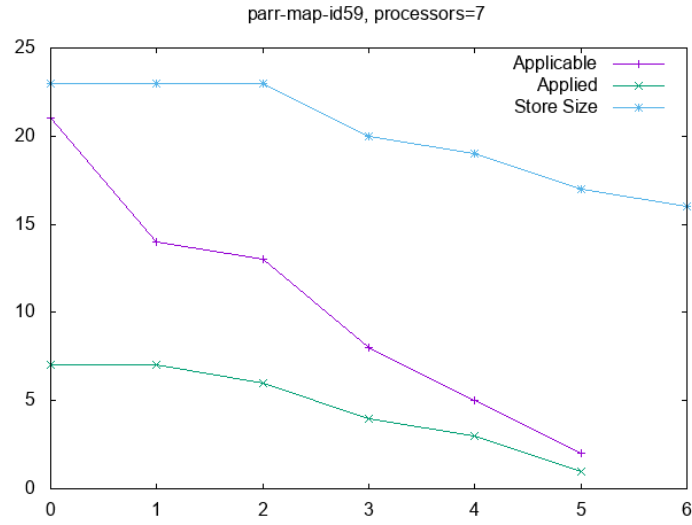
[illegible]



```

Store = Query = [arc(4,7,13),arc(2,4,6),arc(2,6,22),arc
  (3,6,12),arc(1,3,5),arc(1,5,21),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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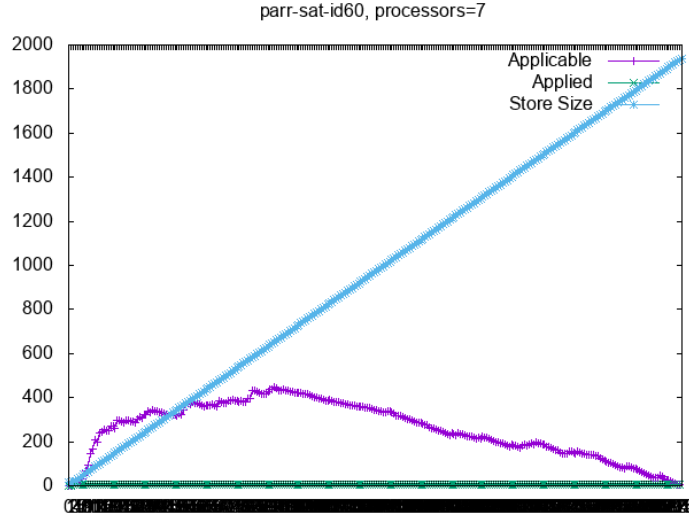
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```

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

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Store = Query = [ f ([ 1 , 2 , 3 , 4 , 5 , 6 , 7 ] , [ ] ) , eq ( 42 , and ( 4 , 2 ) ) , eq
( 54 , and ( 5 , 4 ) ) , eq ( 45 , or ( 4 , 5 ) ) , eq ( 34 , or ( 3 , 4 ) ) , eq ( 63 , and
( 6 , 3 ) ) , eq ( 16 , or ( 1 , 6 ) ) , eq ( 61 , and ( 6 , 1 ) ) , 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 ( 42 , and ( 4 , 2 ) ) , eq ( 54 , and ( 5 , 4 ) ) , eq
( 45 , or ( 4 , 5 ) ) , eq ( 34 , or ( 3 , 4 ) ) , eq ( 63 , and ( 6 , 3 ) ) , eq ( 16 , or
( 1 , 6 ) ) , eq ( 61 , and ( 6 , 1 ) ) , 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 ( 42 , and ( 4 , 2 ) ) , eq ( 54 , and ( 5 , 4 ) ) , eq ( 45 , or ( 4 , 5 ) ) , eq ( 34 ,
or ( 3 , 4 ) ) , eq ( 63 , and ( 6 , 3 ) ) , eq ( 16 , or ( 1 , 6 ) ) , eq ( 61 , and ( 6 , 1 )
) , 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 ( 42 , and ( 4 , 2 ) ) , eq
( 54 , and ( 5 , 4 ) ) , eq ( 45 , or ( 4 , 5 ) ) , eq ( 34 , or ( 3 , 4 ) ) , eq ( 63 , and
( 6 , 3 ) ) , eq ( 16 , or ( 1 , 6 ) ) , eq ( 61 , and ( 6 , 1 ) ) , 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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