

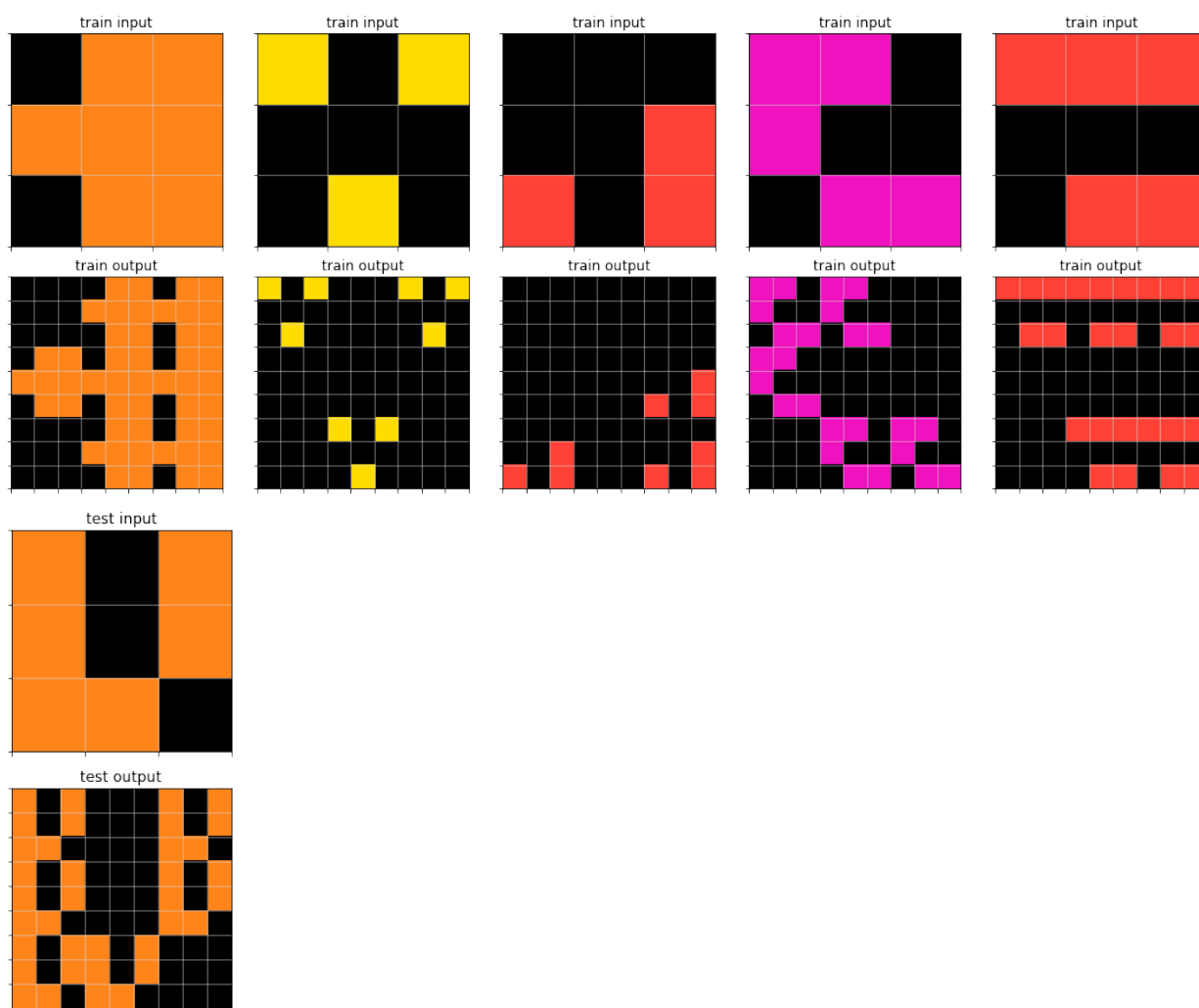
60 tasks solved, first full run 10/18

Simon Alford

October 19, 2020

## Task 0

```
(lambda (#(lambda (output (kronecker $0 $0))) (input $0)))
```



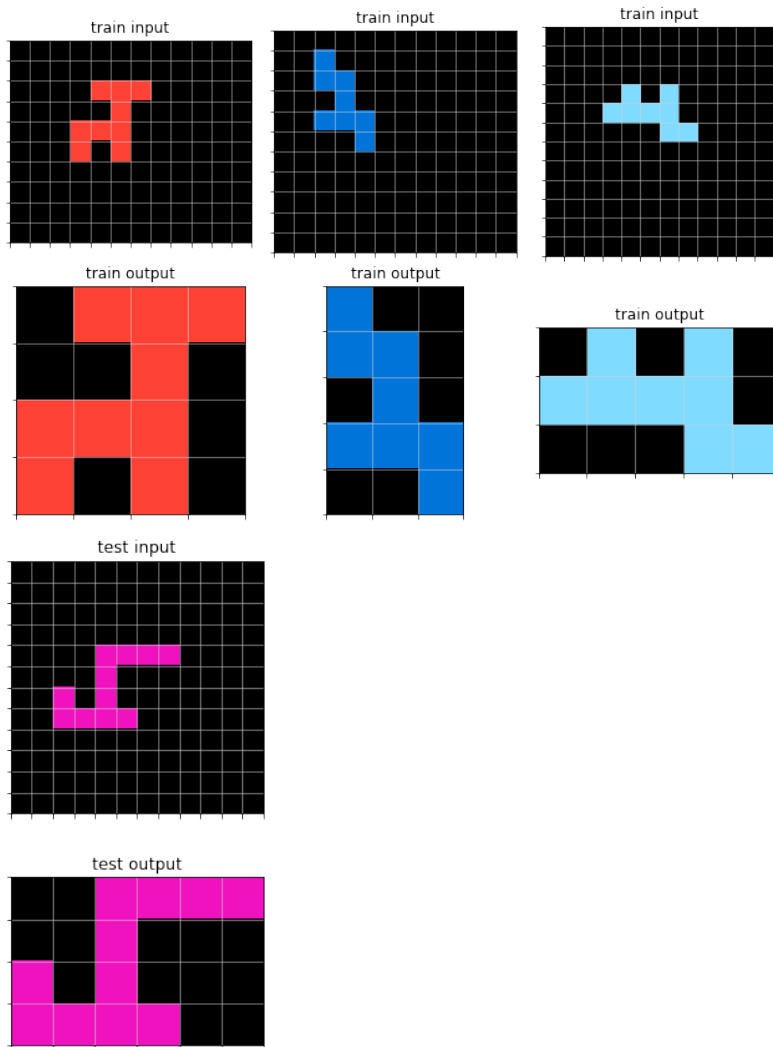
## Task 15

```
(lambda (#(lambda (lambda (lambda (place_into_grid (construct_mapping (lambda (objects2
$0 F T)) (lambda (objects2 $0 F $1)) $1 $2)))))) $0 rotation_invariant T $0))
```



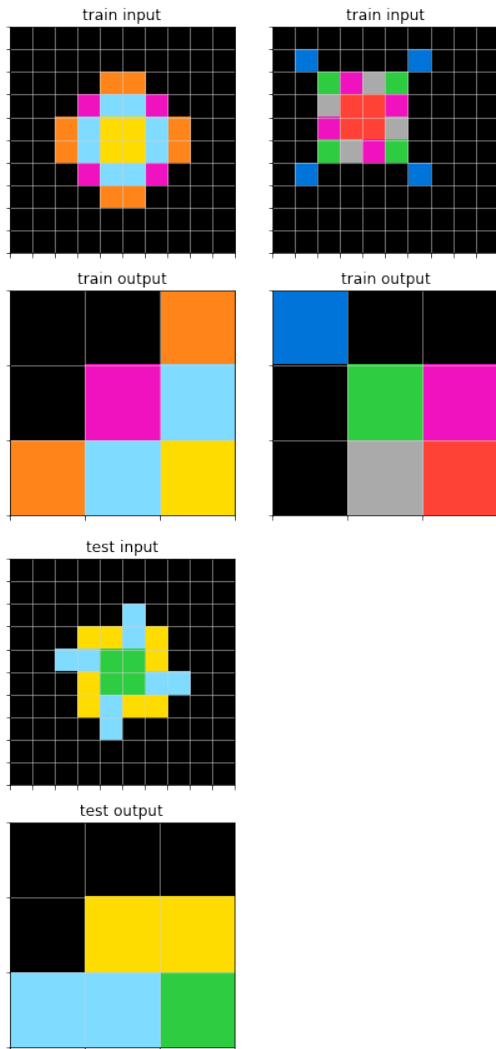
## Task 30

```
(lambda (vstack (#(lambda (objects2 (input $0) T T)) $0)))
```



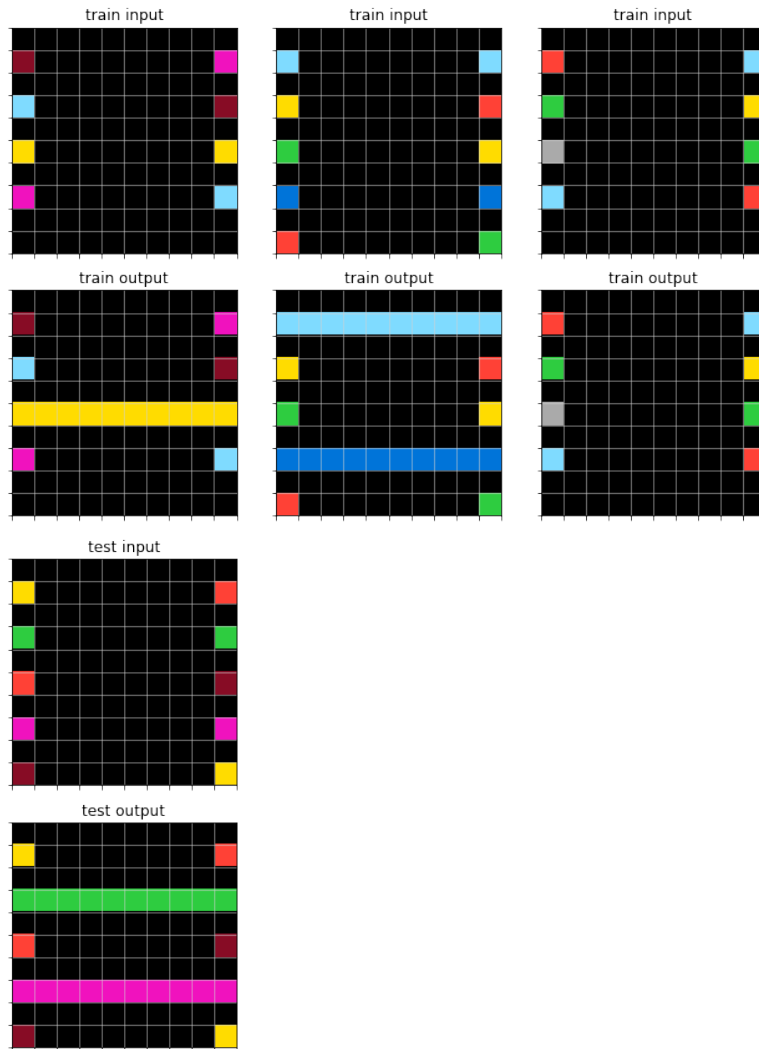
## Task 38

```
(lambda (#(lambda (lambda (lambda (vstack (rows ($1 (x_mirror (input $0)) $0)))))) (lambda (lambda (lambda (lambda (top_half (left_half $0))) (#(lambda (object (input $0))) $0)))) $0))
```



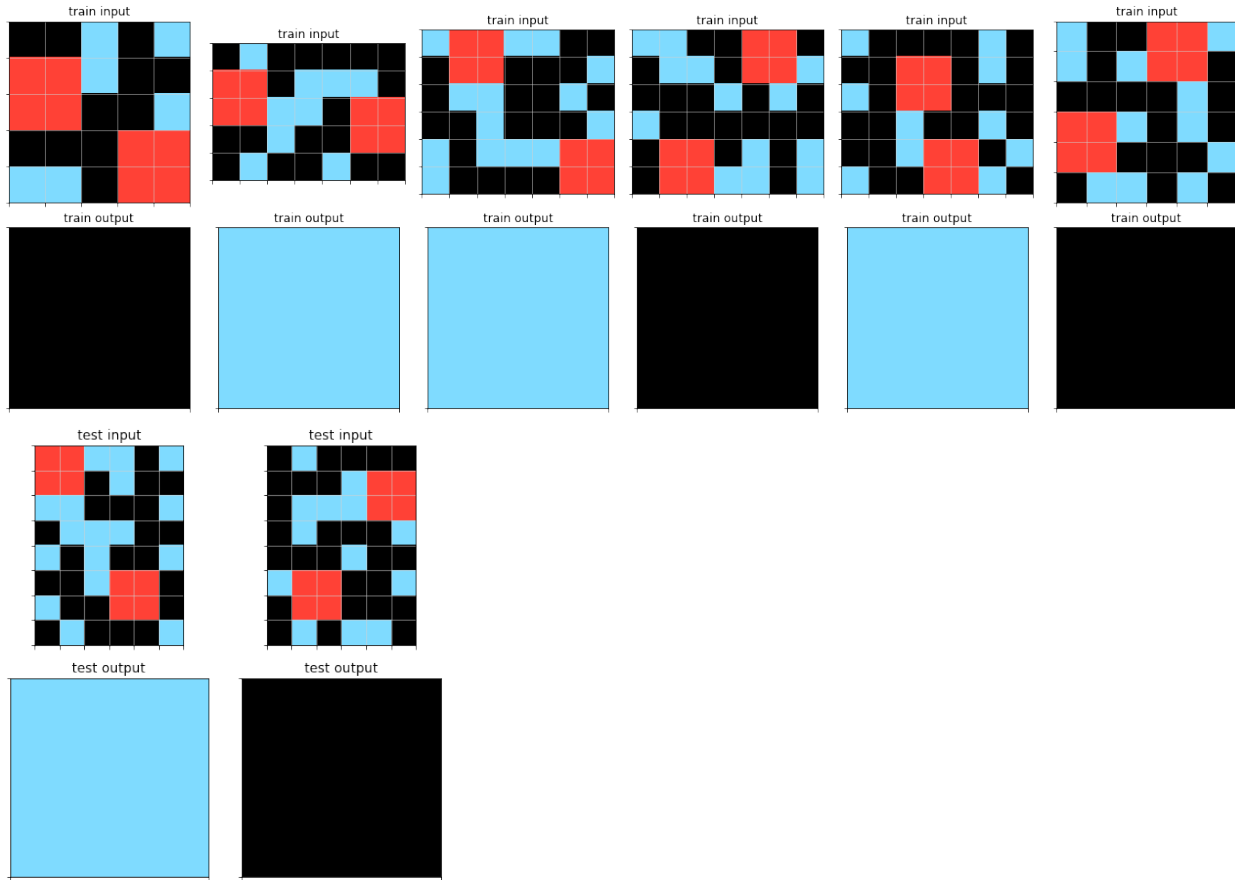
## Task 44

```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (rows
$0)) (lambda (rows $0)) $1 $0)))) color_invariant $0)) $0 $0))
```



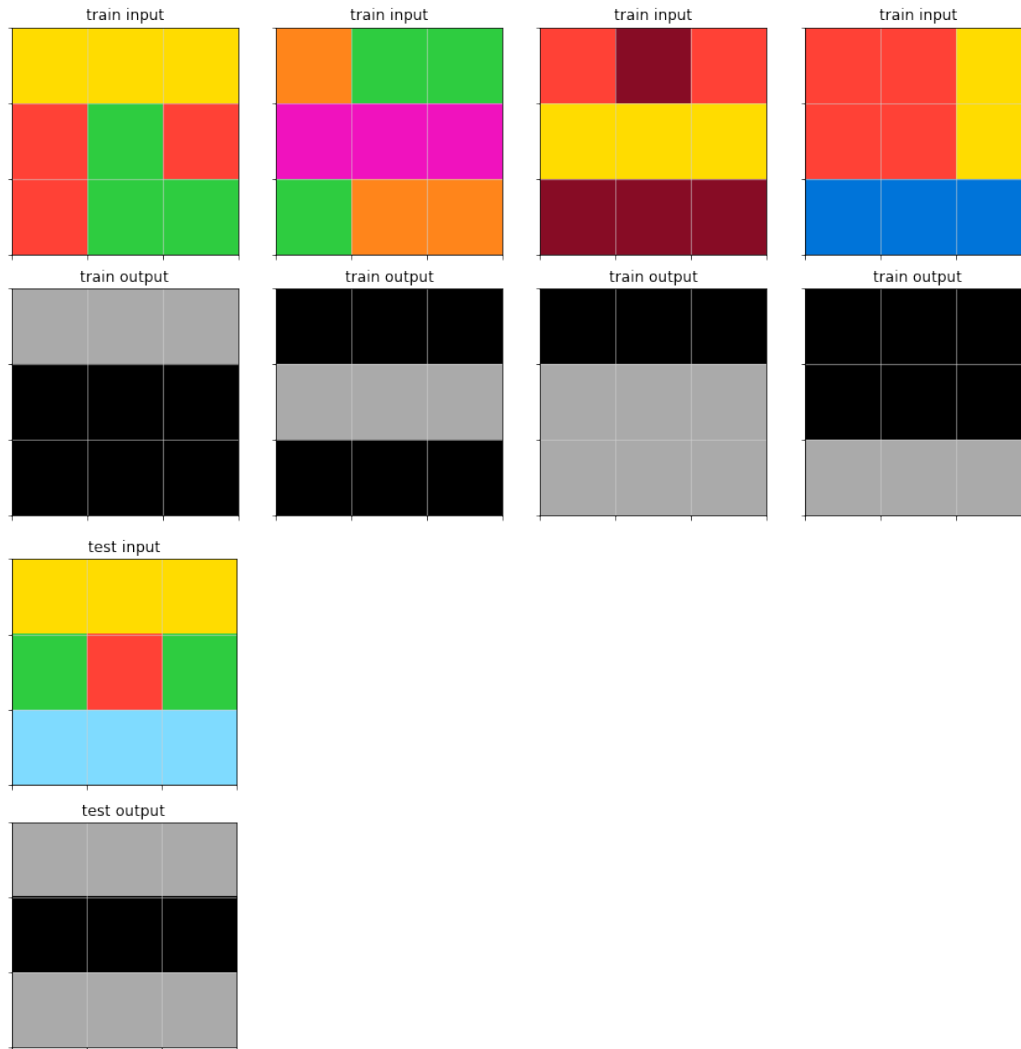
## Task 47

```
(lambda (#(lambda (lambda (construct_mapping3 (lambda (num_colors ($2 $0))) $0))) (lambda
(#(lambda (top_half (left_half $0))) $0)) $0))
```



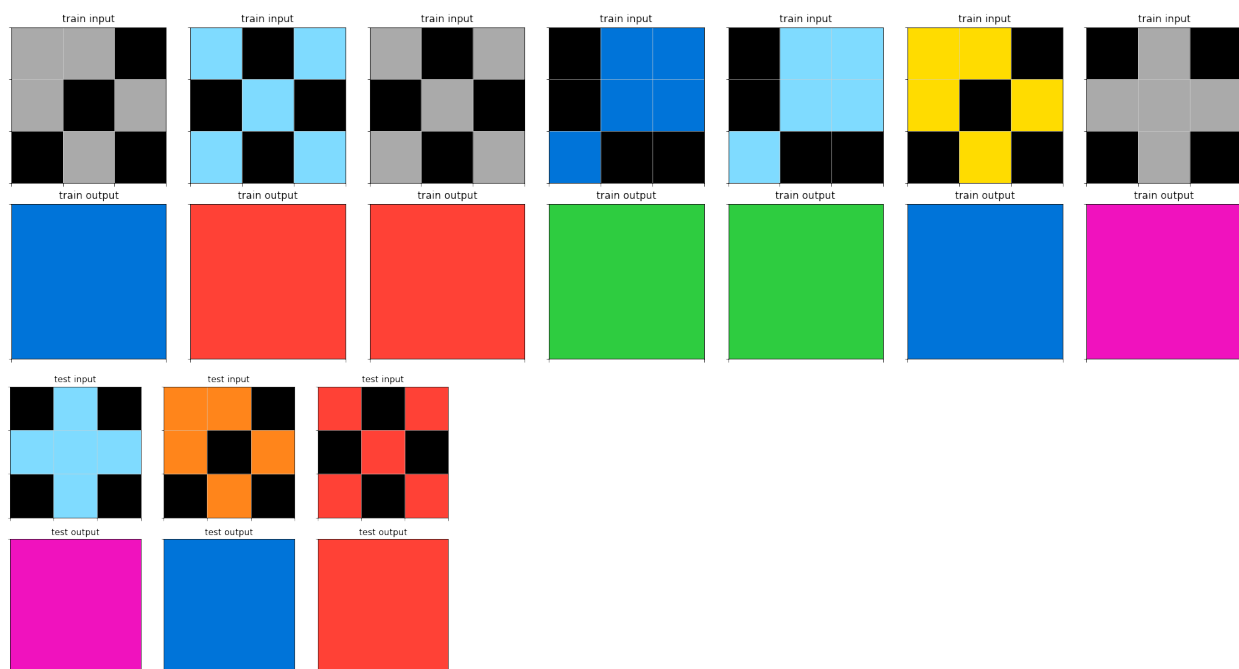
## Task 51

```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (rows $0)) (lambda (rows $0)) $1 $0)))) color_invariant $0)) $0 $0))
```



## Task 55

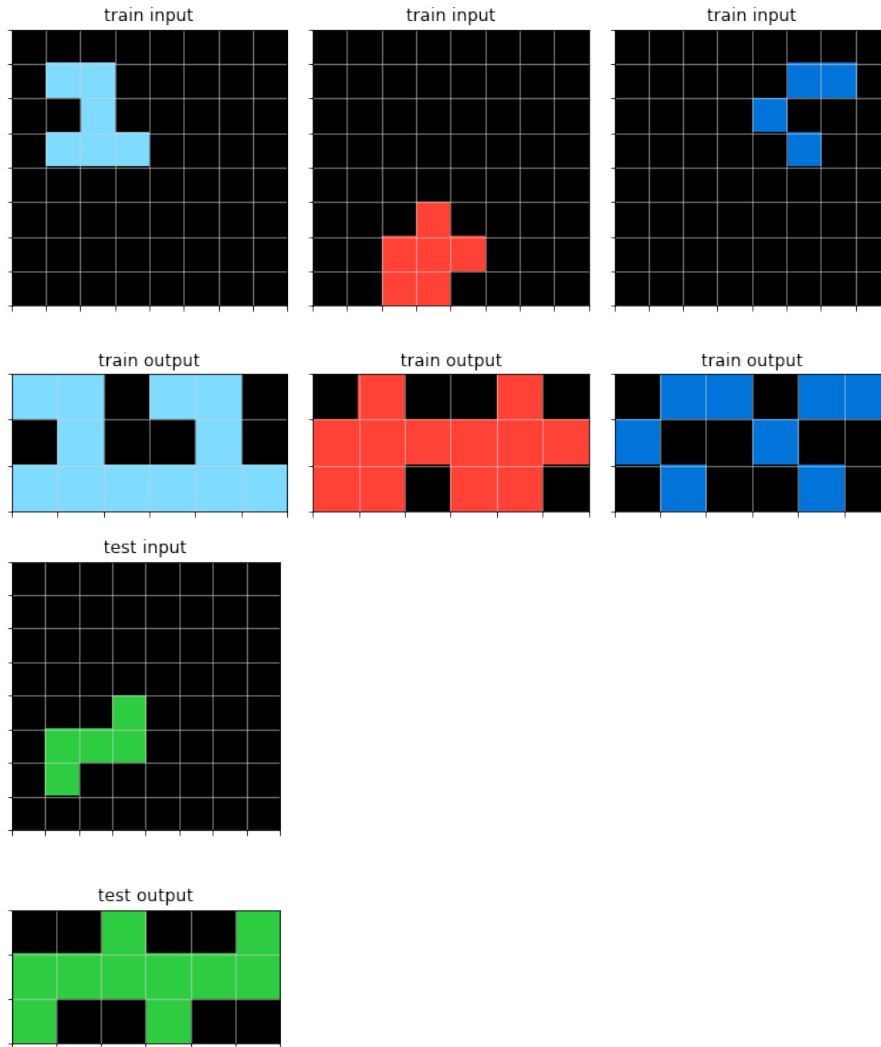
```
(lambda (#(construct_mapping2 color_invariant) $0))
```





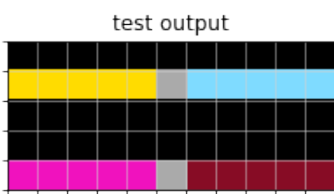
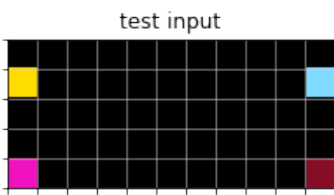
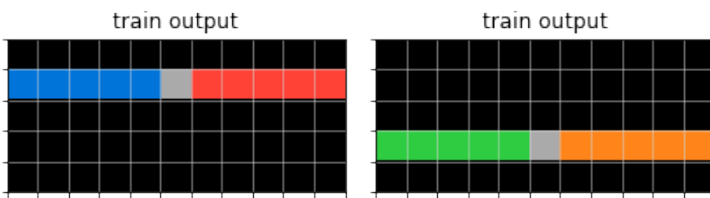
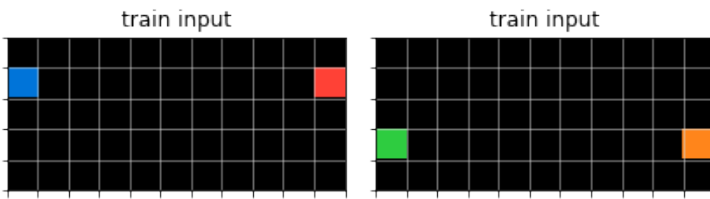
## Task 56

```
(lambda (#(lambda (output (combine_grids_horizontally $0 $0))) (#(lambda (object (input
$0))) $0)))
```



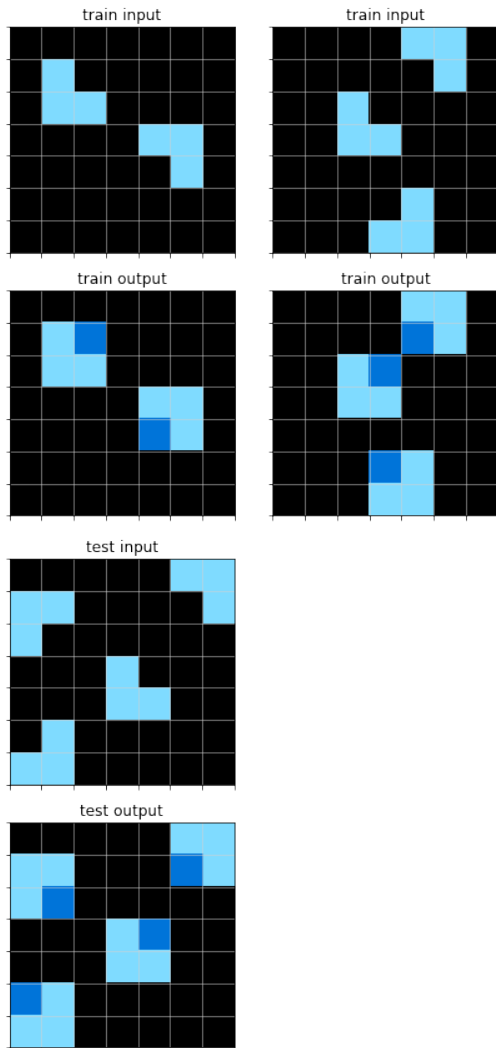
## Task 59

```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (rows
$0)) (lambda (rows $0)) $1 $0)))) color_invariant $0)) $0 $0))
```



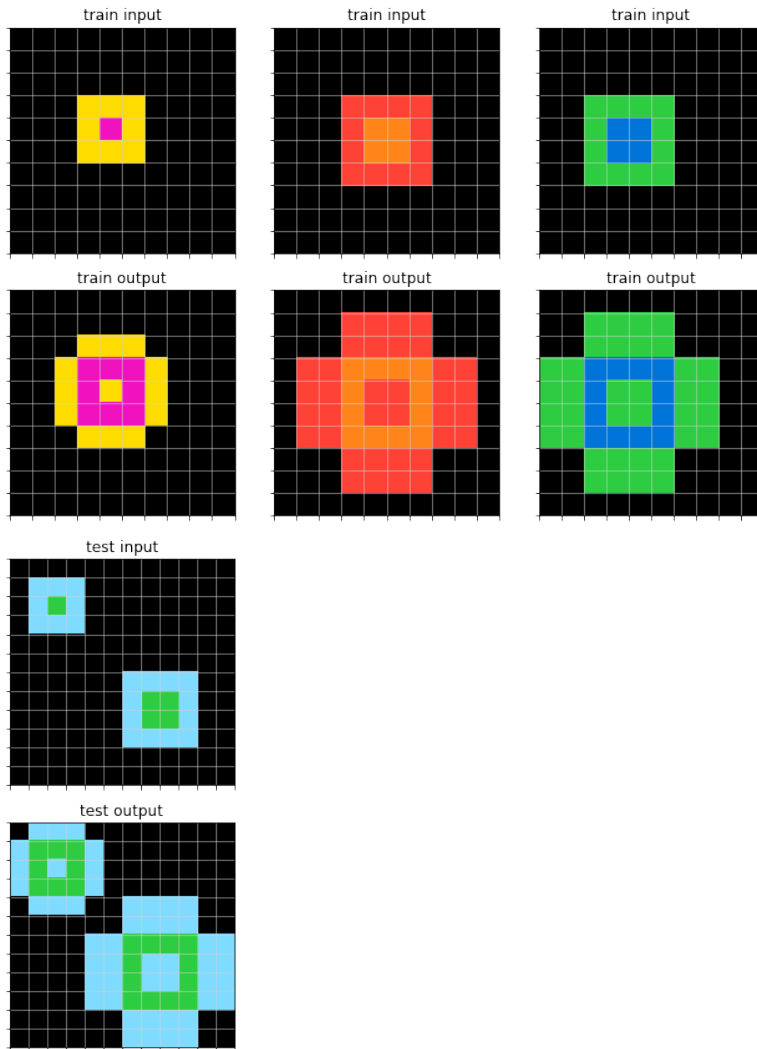
## Task 80

```
(lambda (#(lambda (#(lambda (lambda (lambda (place_into_grid (construct_mapping (lambda
(objects2 $0 F T)) (lambda (objects2 $0 F $1)) $1 $2)))))) $0 rotation_invariant F))
$0 $0))
```



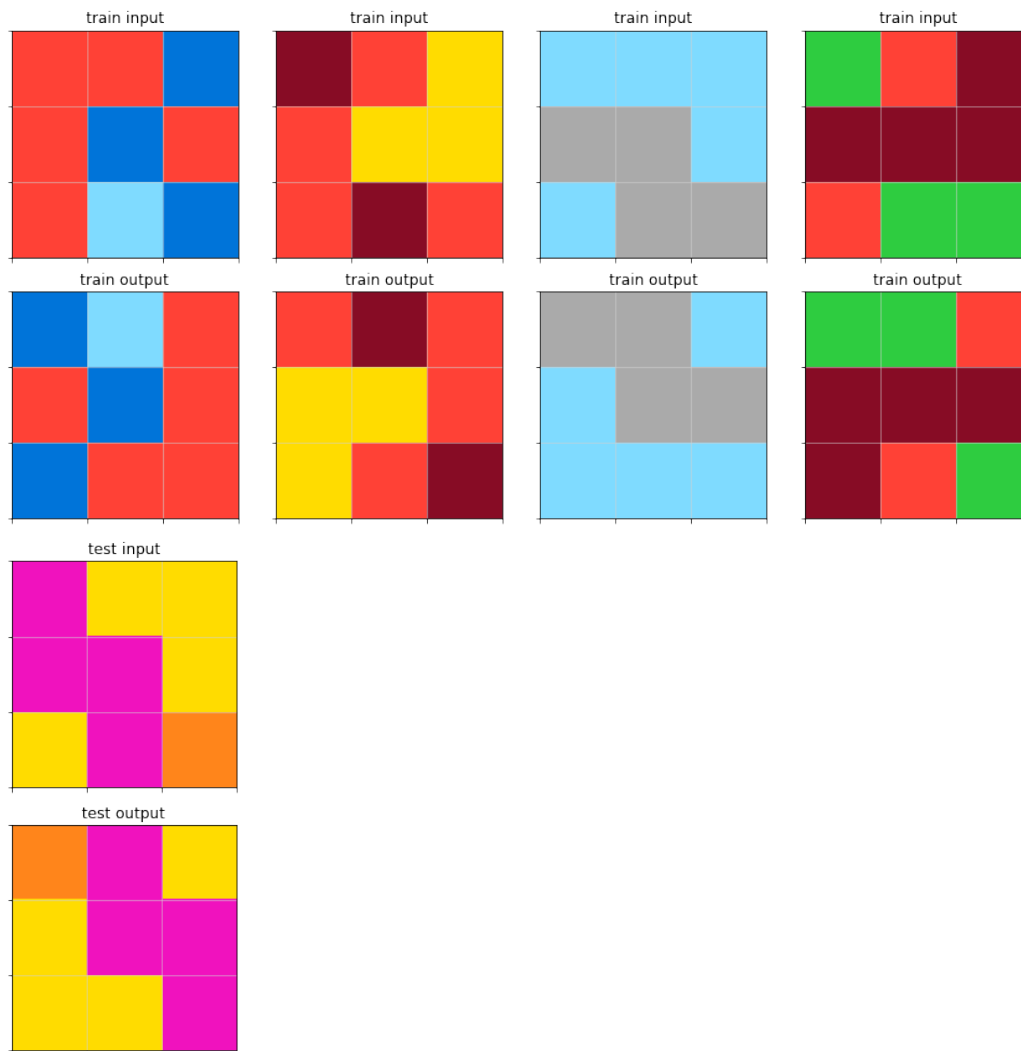
## Task 85

```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (objects
$0 F $1)) (lambda (objects2 $0 F $1)) color_invariant $1)))) $0 F)) $0 $0))
```



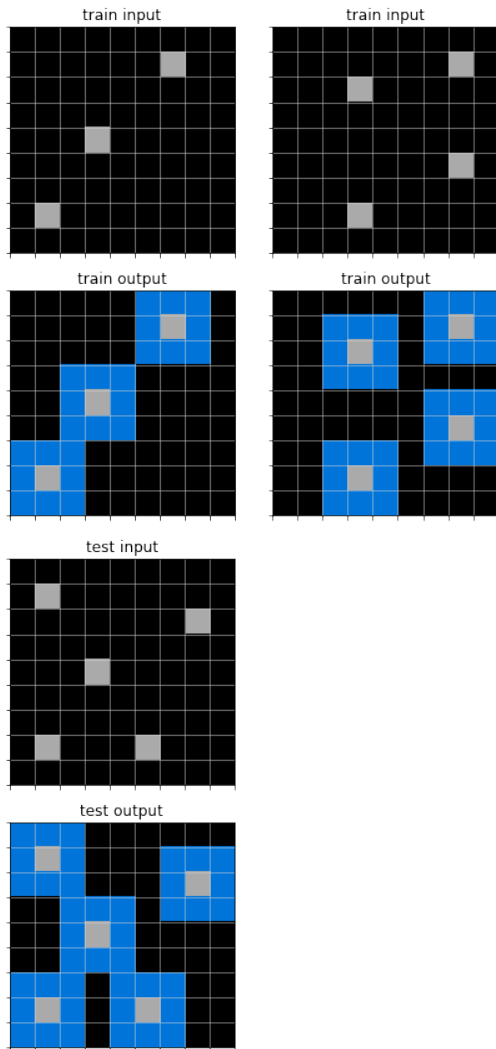
## Task 86

```
(lambda (#(lambda (output (x_mirror (y_mirror (input $0)))))) $0))
```



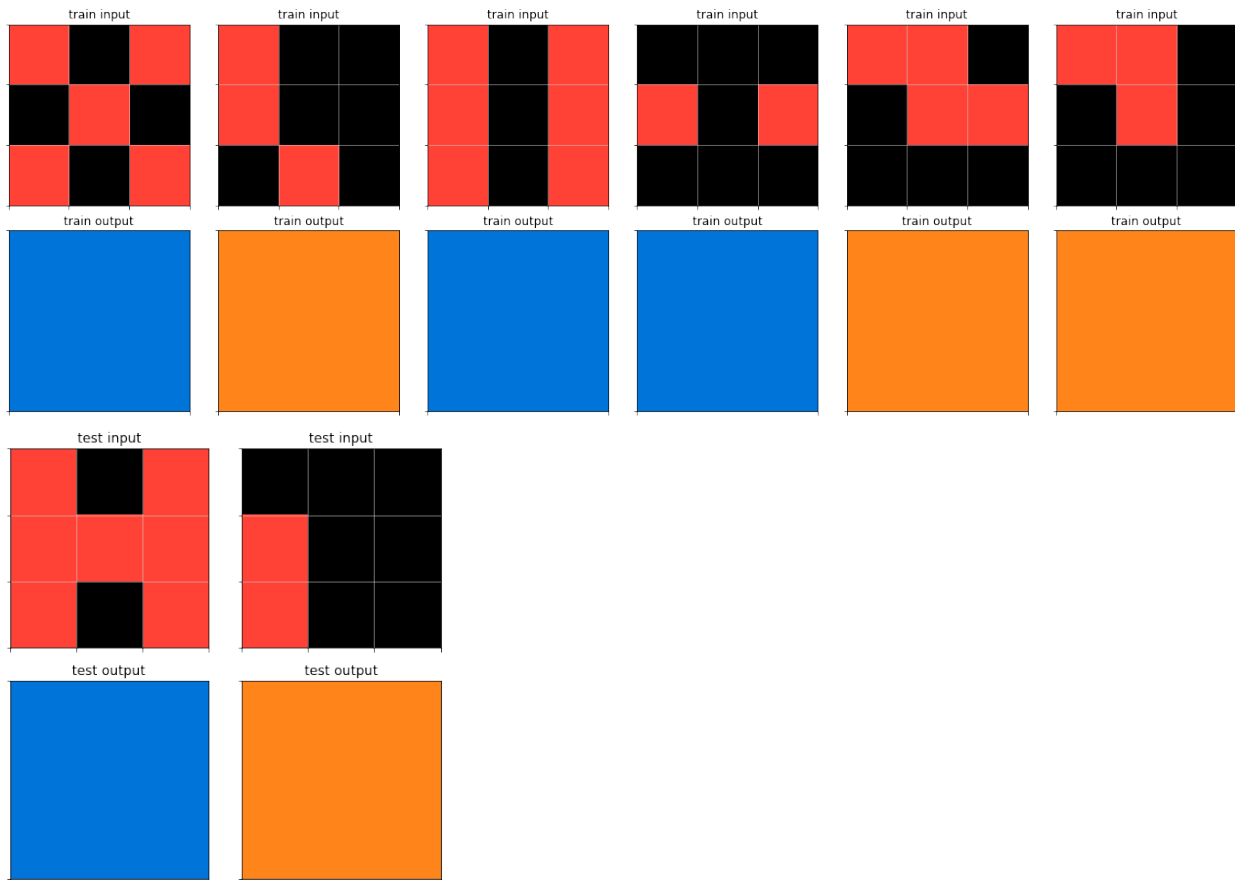
## Task 94

```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (objects
$0 F $1)) (lambda (objects2 $0 F $1)) color_invariant $1)))) $0 F)) $0 $0))
```



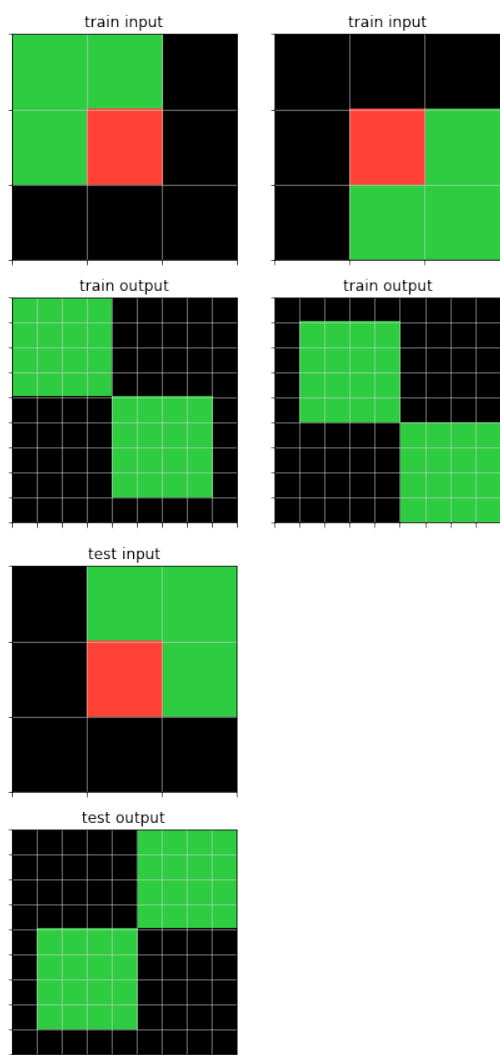
## Task 102

```
(lambda (construct_mapping3 (lambda (has_y_symmetry $0)) $0))
```



## Task 103

```
(lambda (construct_mapping2 rotation_invariant $0))
```

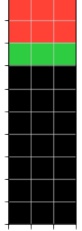




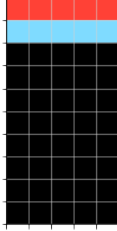
## Task 112

```
(lambda (#(lambda (lambda (output (overlay (x_mirror (input $1)) (input $0)))) $0 $0))
```

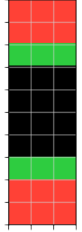
train input



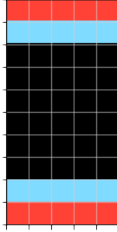
train input



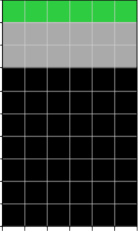
train output



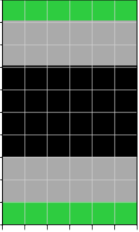
train output



test input

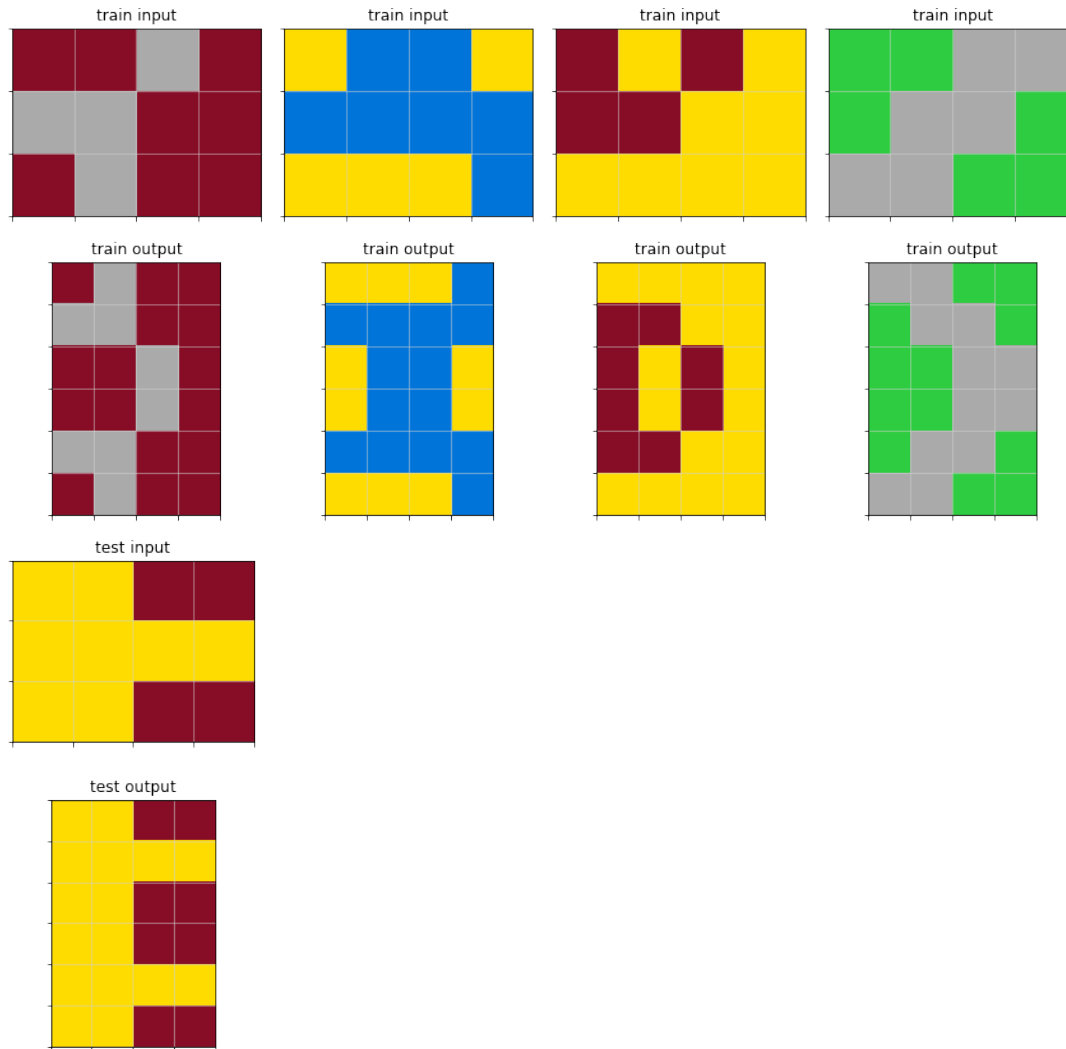


test output



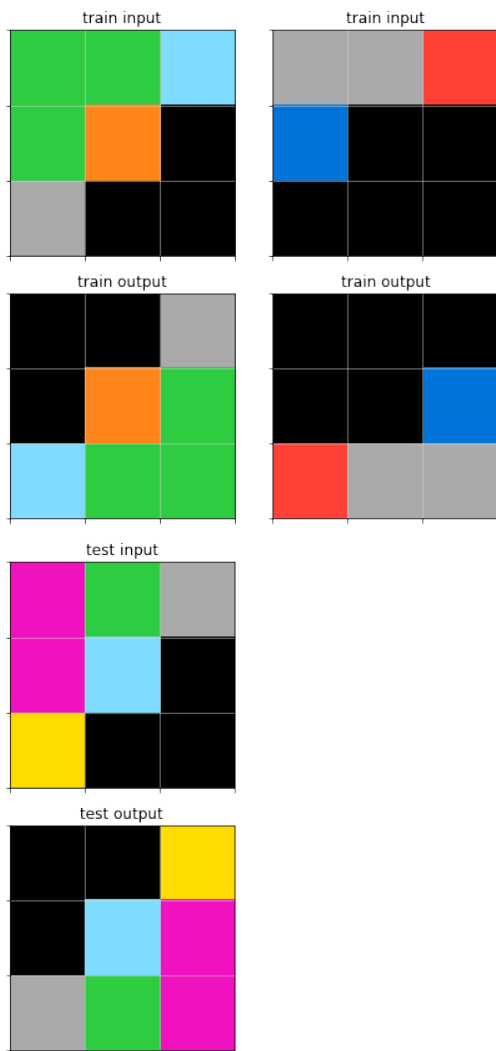
## Task 115

```
(lambda (#(lambda (output ($0 (lambda (x_mirror (input $0)))))) (lambda (#(lambda (lambda
(combine_grids_vertically $1 (input $0)))) ($0 $1) $1))))
```



## Task 139

```
(lambda (#(lambda (output (x_mirror (y_mirror (input $0)))))) $0))
```



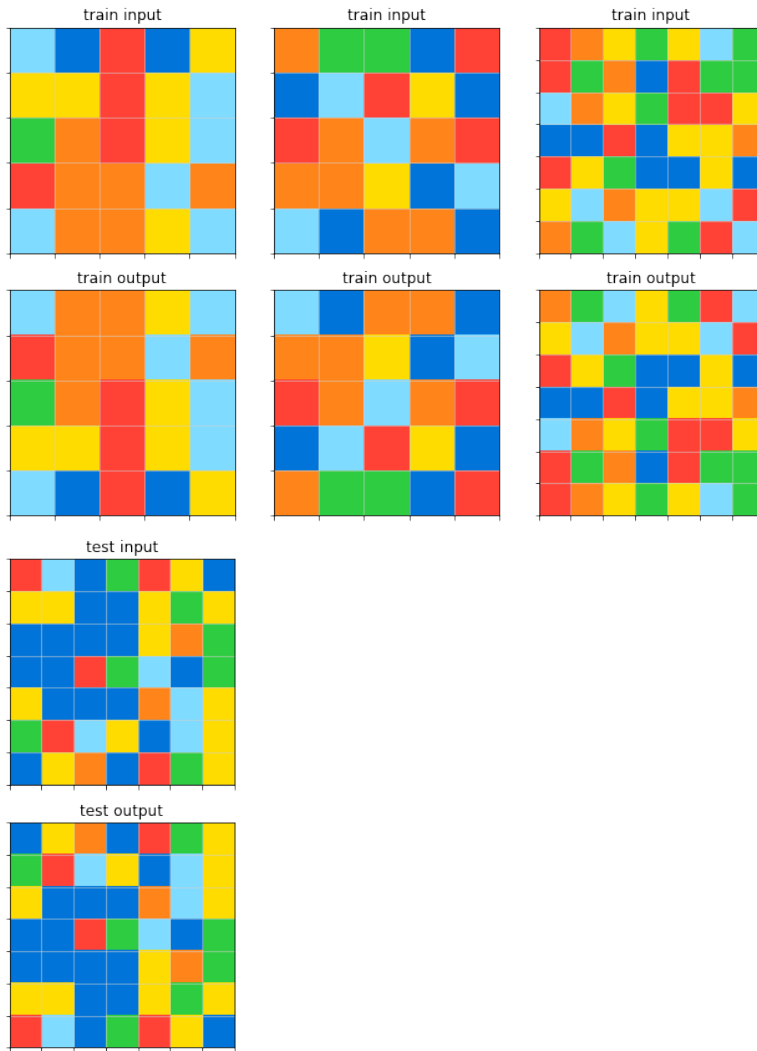
## Task 149

```
(lambda (#(lambda (#(lambda (output (y_mirror $0))) (#(lambda (object (input $0)))
$0))) $0))
```



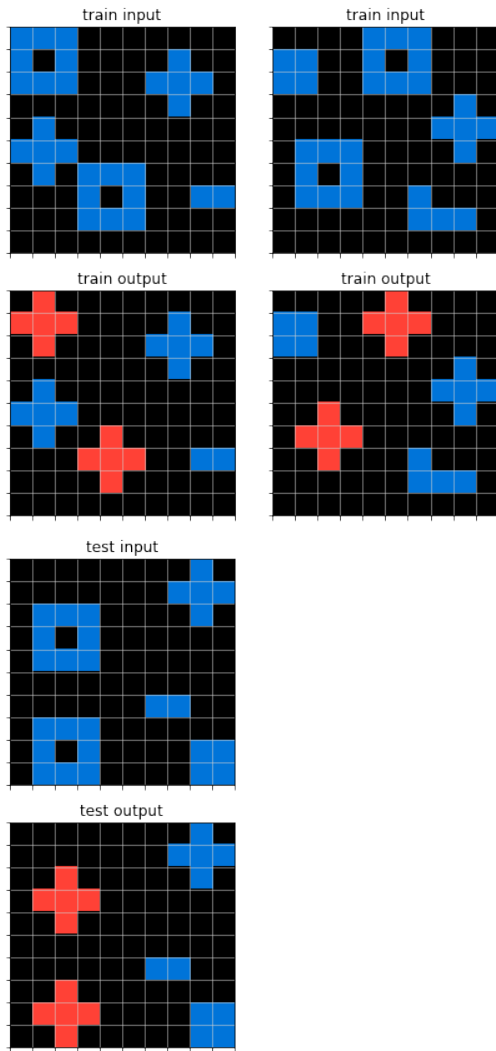
## Task 154

```
(lambda (#(lambda (lambda (output (overlay (x_mirror (input $1)) (input $0)))) $0
$0))
```



## Task 159

```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (objects
$0 F $1)) (lambda (objects2 $0 F $1)) color_invariant $1)))) $0 F)) $0 $0))
```



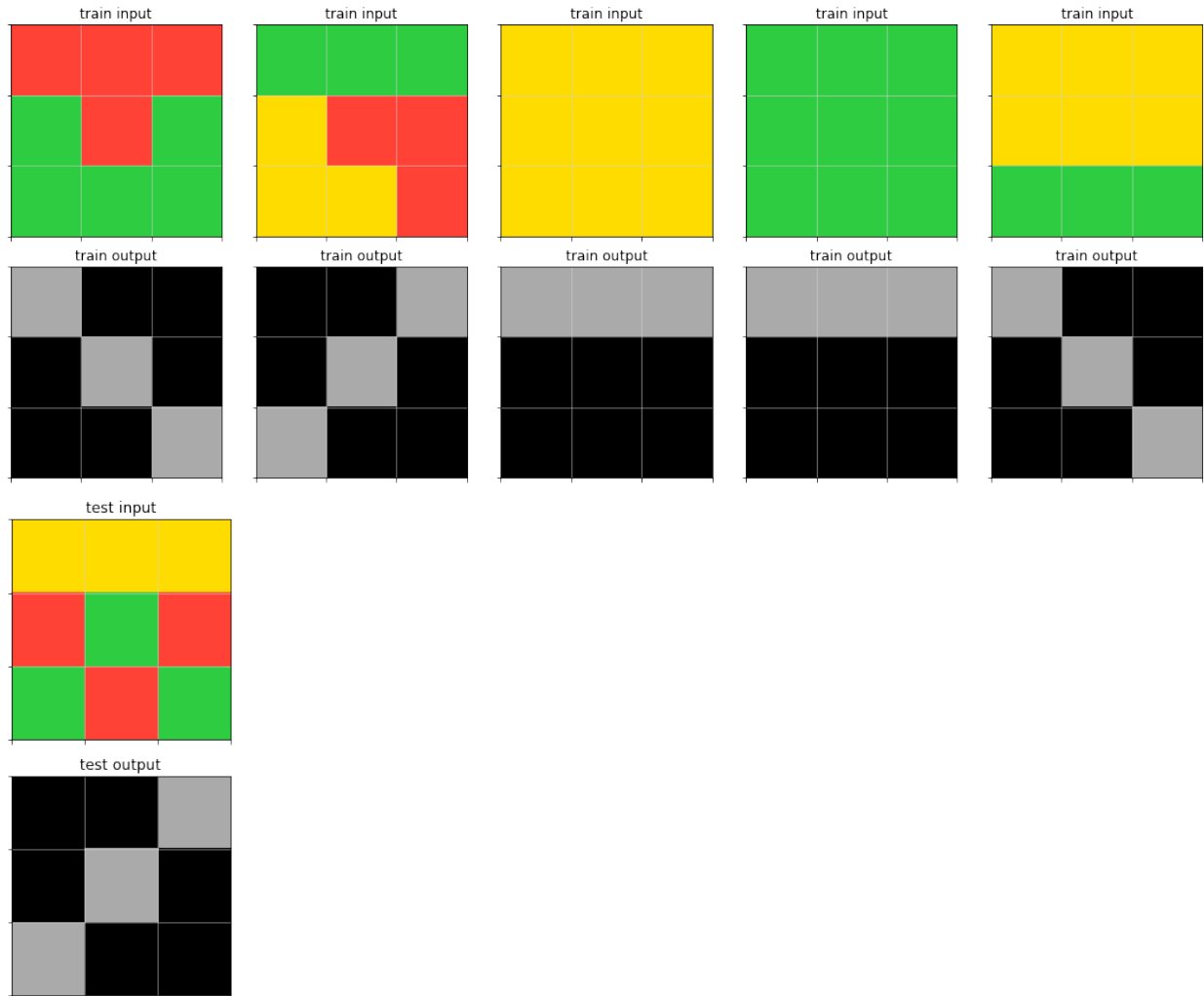
## Task 163

```
(lambda (#(lambda (output (combine_grids_horizontally (input $0) (y_mirror (input $0))))
$0))
```



## Task 166

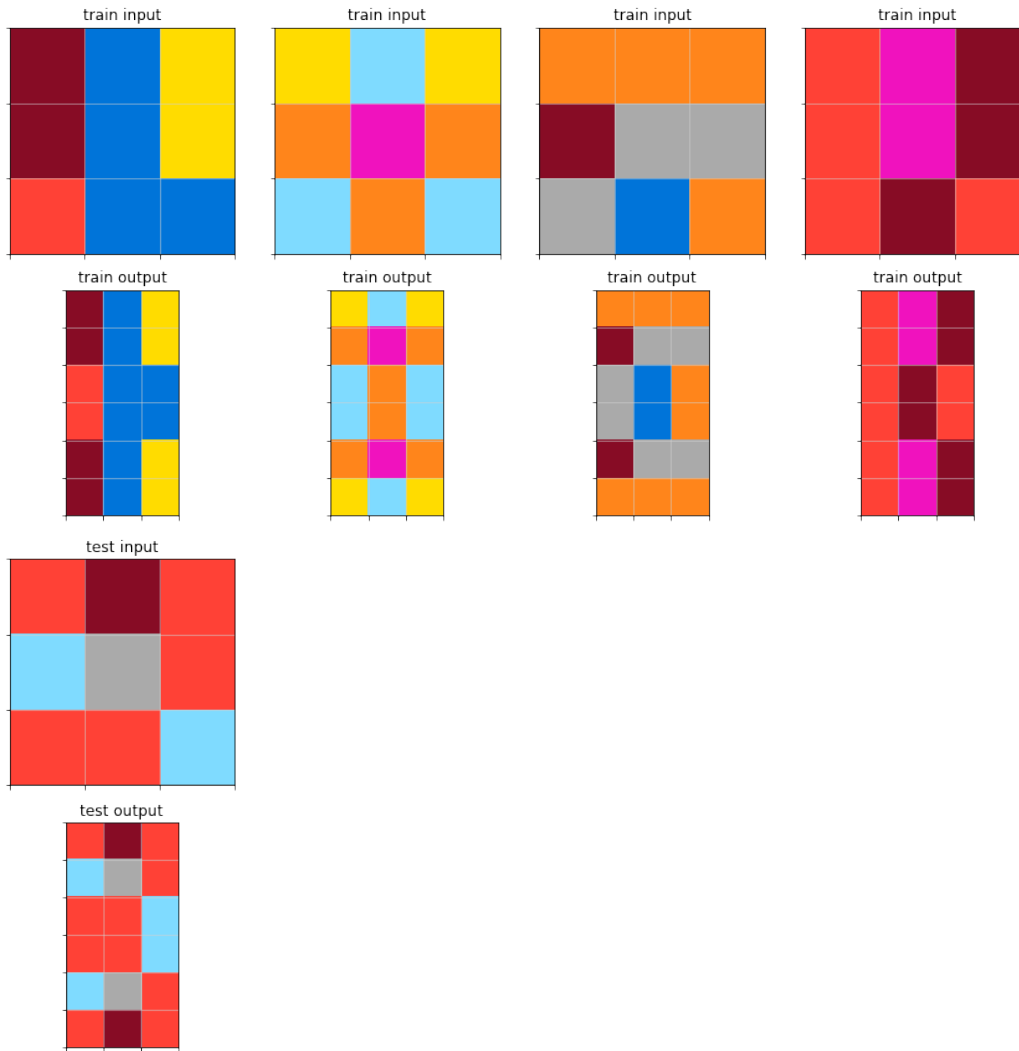
```
(lambda (#(lambda (lambda (construct_mapping3 (lambda (num_colors ($2 $0))) $0))) (lambda ($0) $0))
```





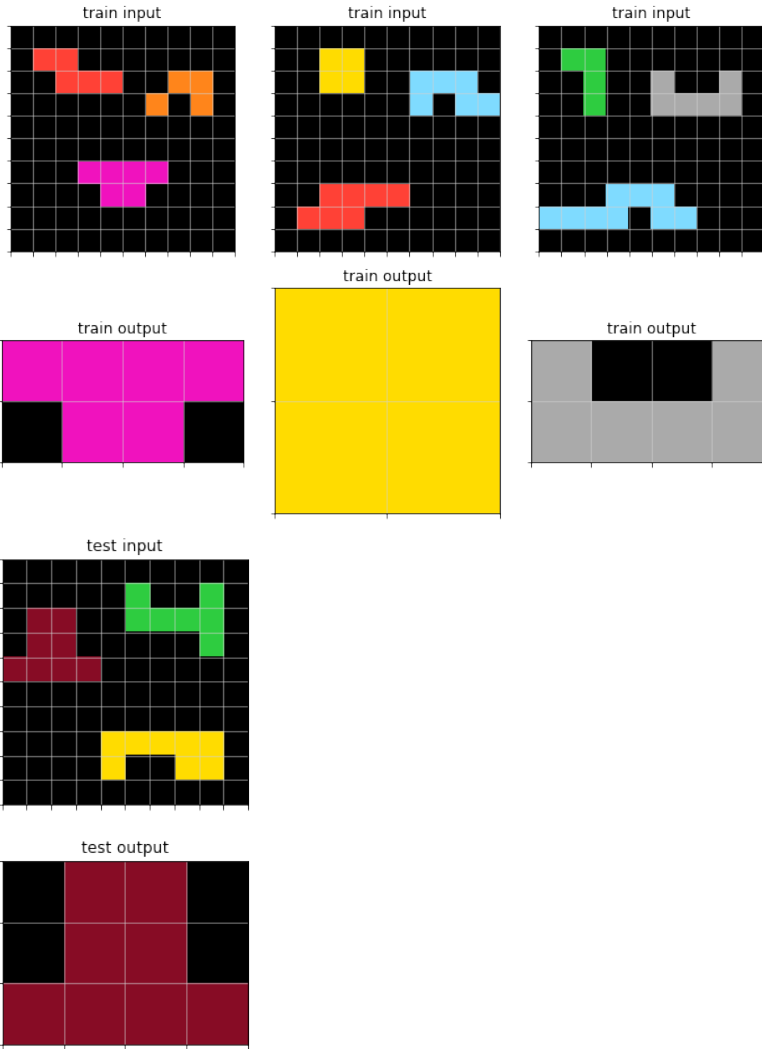
## Task 171

```
(lambda (#(lambda (vstack (rows (combine_grids_vertically (input $0) (x_mirror (input $0)))))) $0))
```



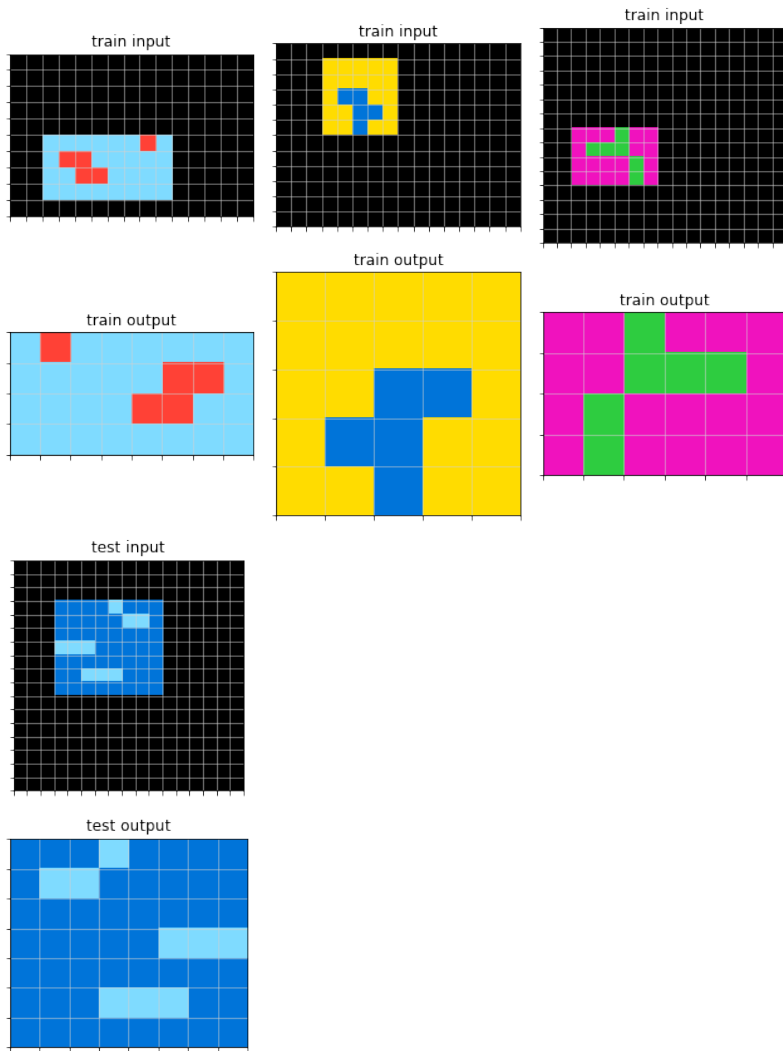
## Task 173

```
(lambda (vstack (filter_list (#(lambda (objects2 (input $0) T T)) $0) (lambda (has_y_sym
$0))))))
```



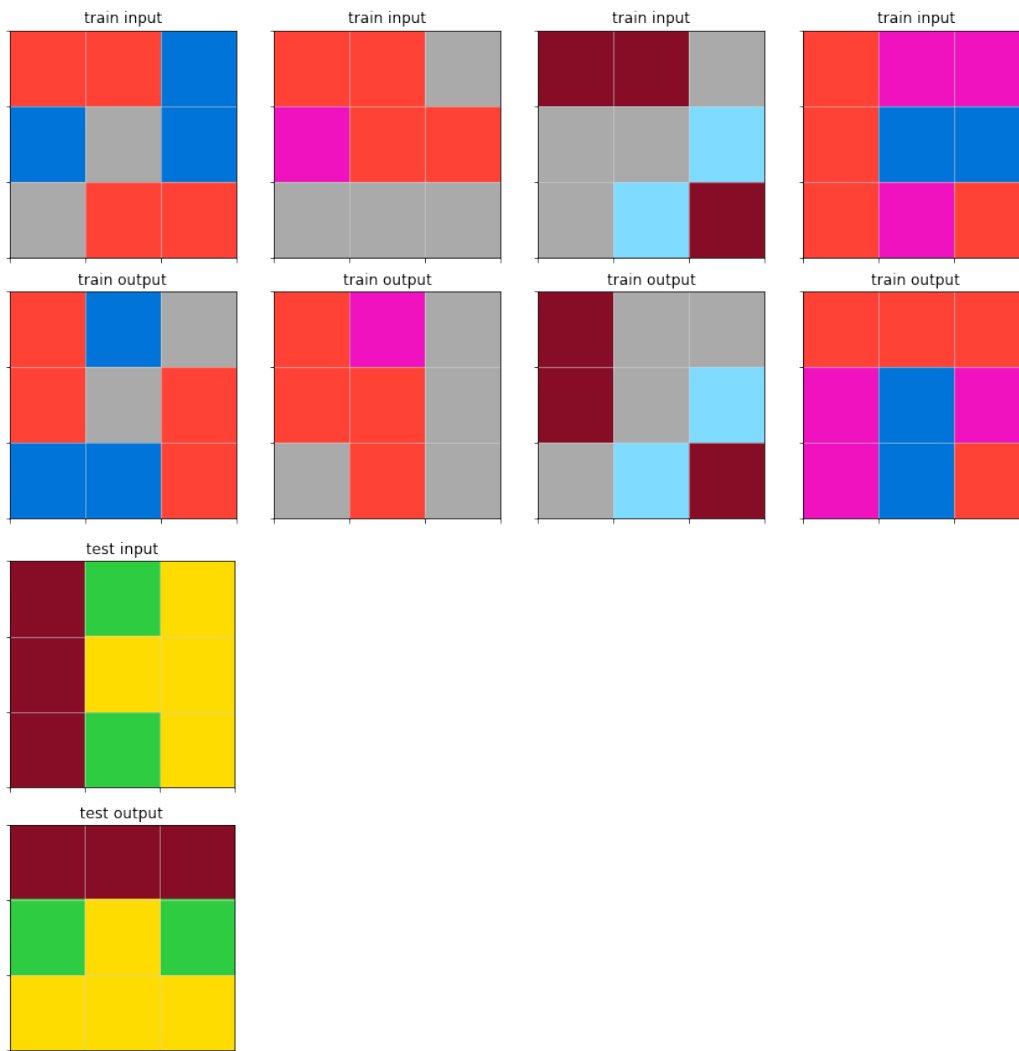
## Task 176

```
(lambda (#(lambda (#(lambda (output (y_mirror $0))) (#(lambda (object (input $0))) $0))) $0))
```



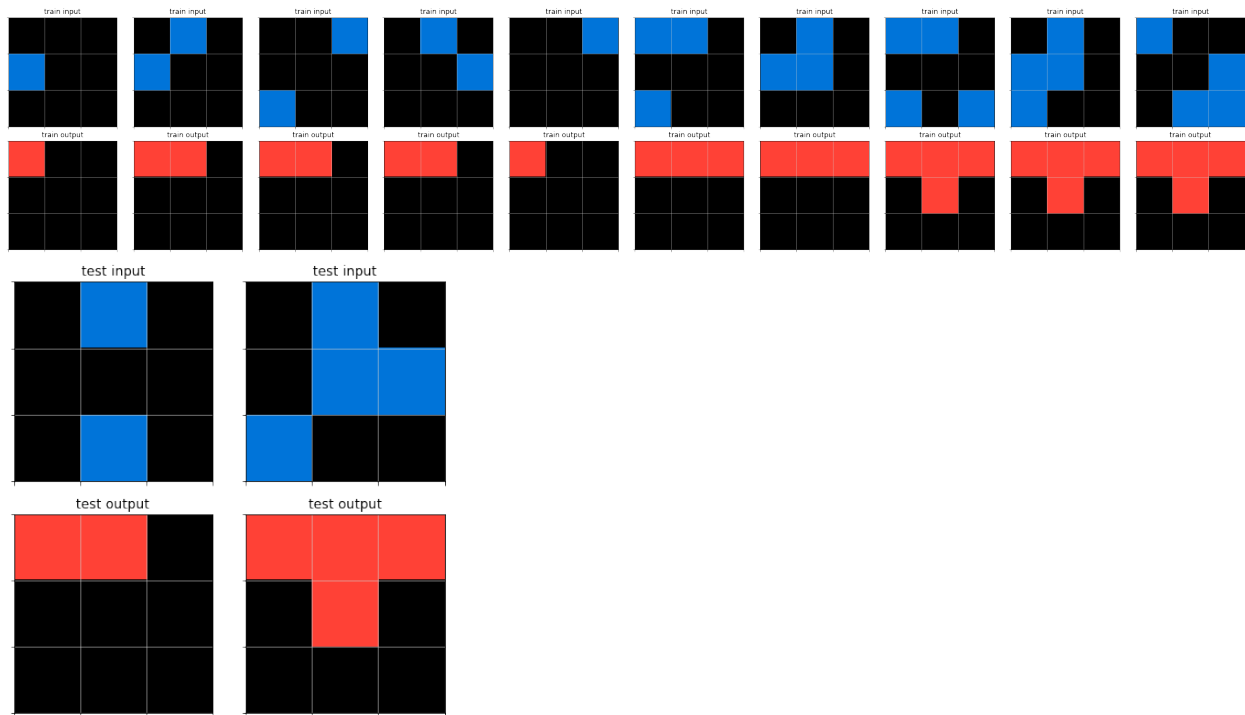
## Task 178

```
(lambda (#(lambda (output (rotate_ccw (y_mirror (input $0)))))) $0))
```



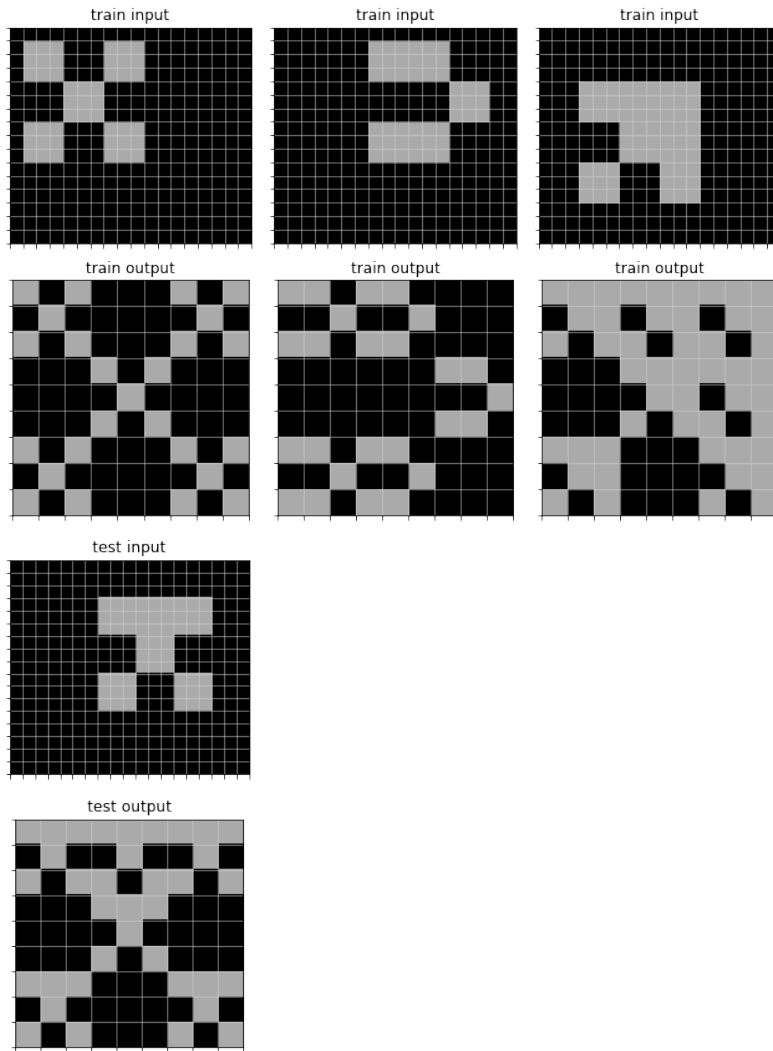
## Task 185

```
(lambda (#(construct_mapping3 (lambda (objects2 $0 F F))) $0))
```



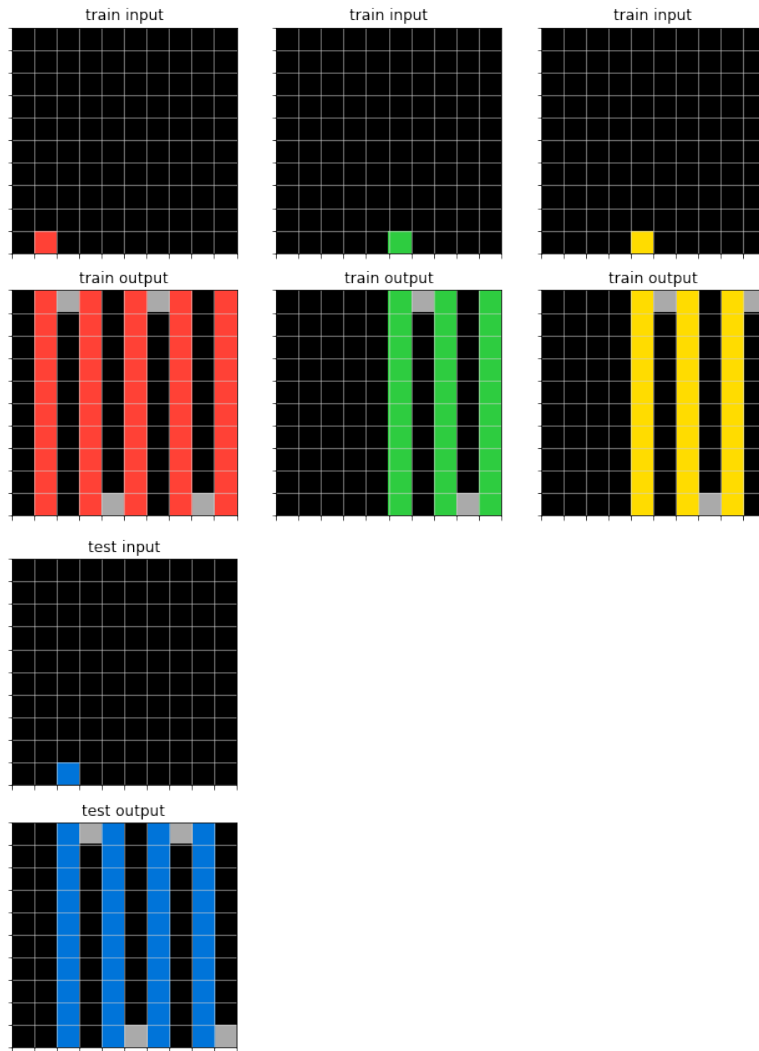
## Task 194

```
(lambda (#(lambda (output (kronecker $0 $0))) (deflate (#(lambda (object (input $0)))  
$0))))
```



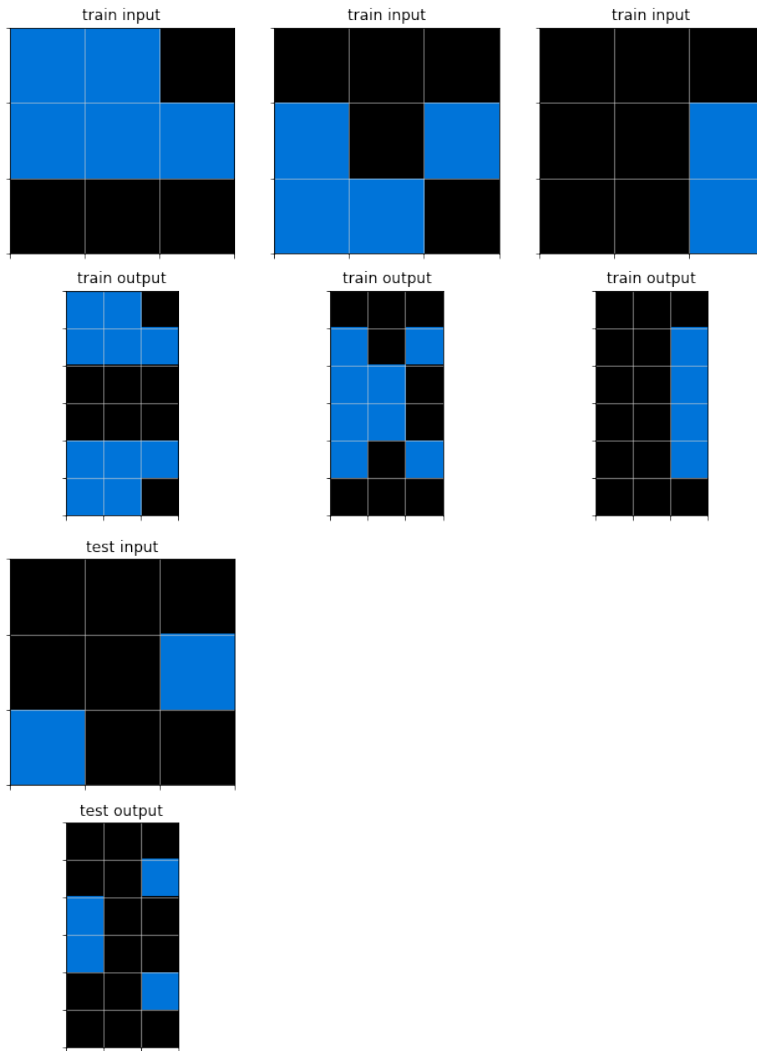
## Task 199

```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (objects
$0 F $1)) (lambda (objects2 $0 F $1)) color_invariant $1)))) $0 F)) $0 $0))
```



## Task 209

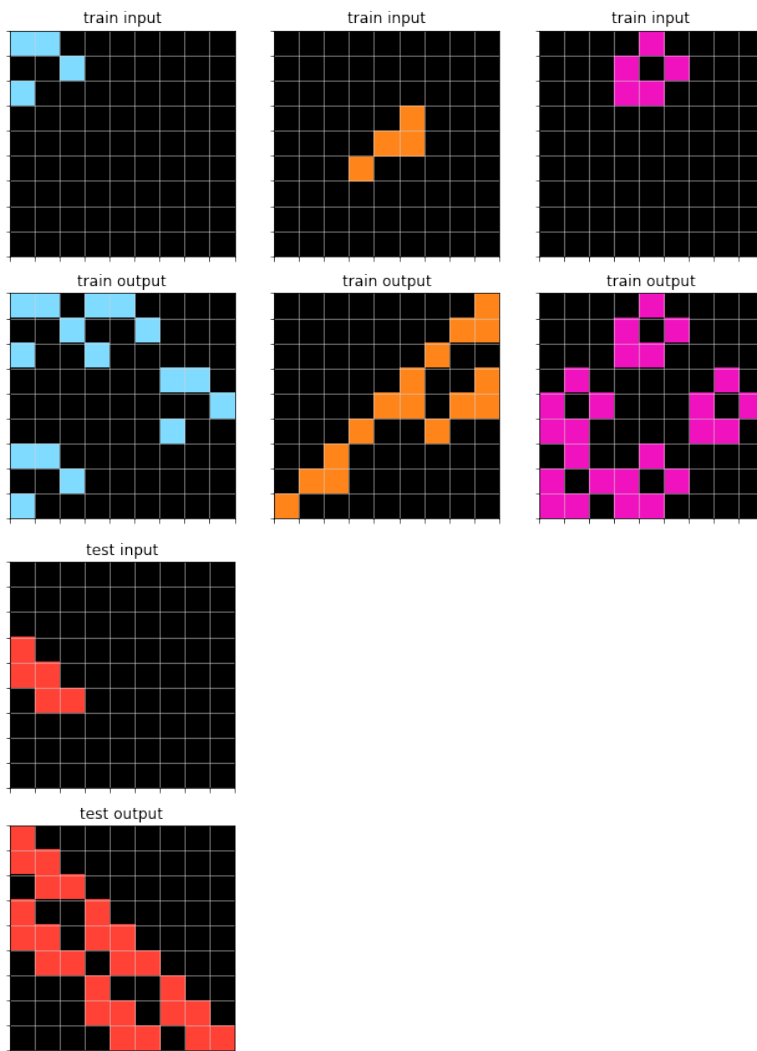
```
(lambda (#(lambda (vstack (rows (combine_grids_vertically (input $0) (x_mirror (input $0)))))) $0))
```





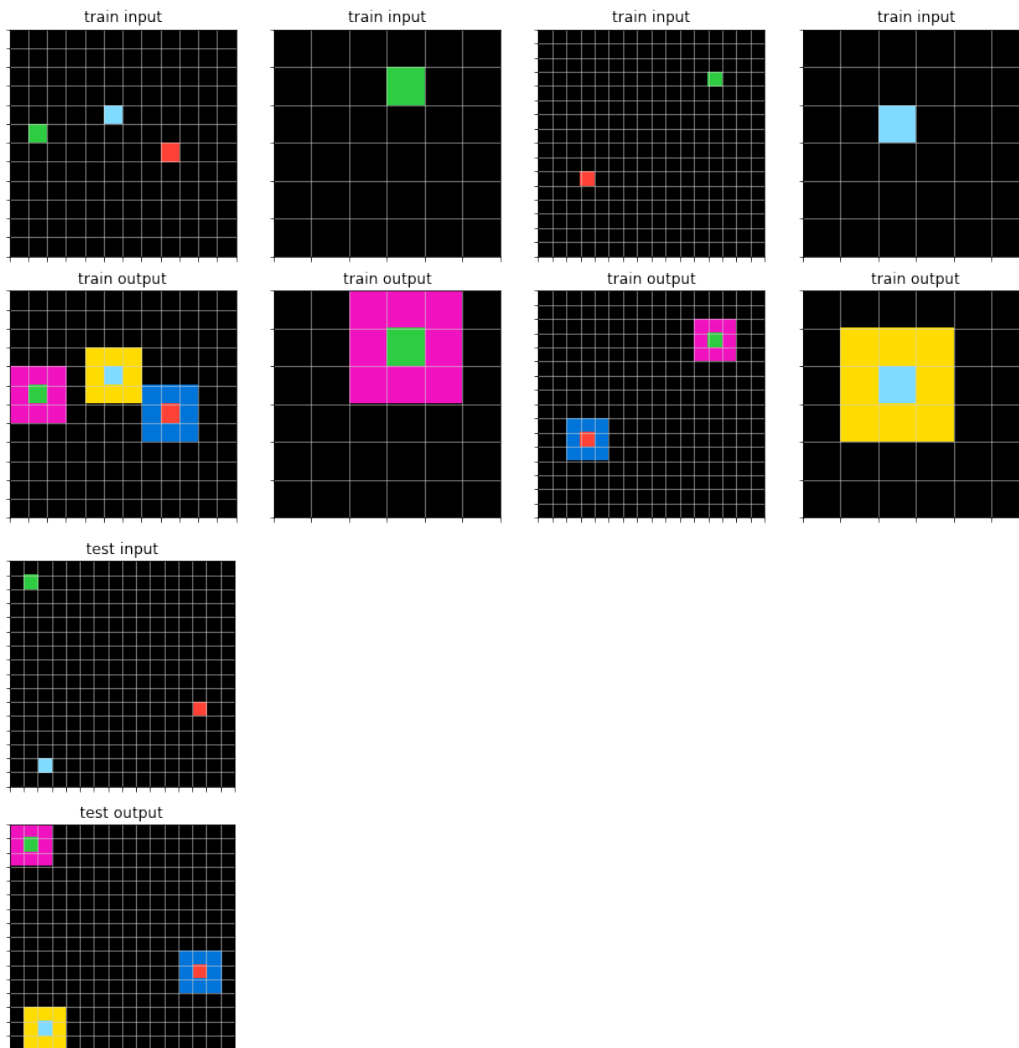
## Task 216

```
(lambda (#(lambda (output (kronecker $0 $0))) (#(lambda (object (input $0))) $0)))
```



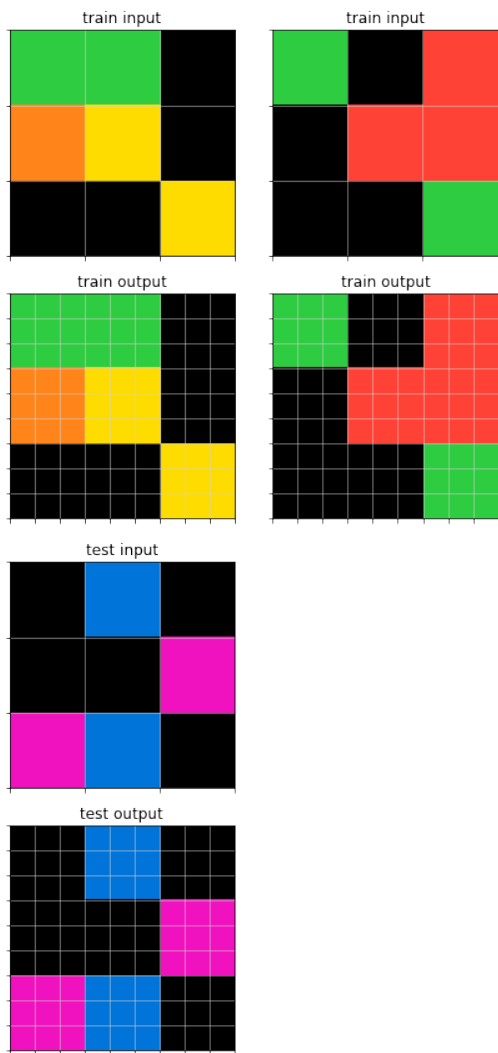
## Task 219

```
(lambda (#(lambda (#(lambda (lambda (lambda (place_into_grid (construct_mapping (lambda
(objects2 $0 F T)) (lambda (objects2 $0 F $1)) $1 $2)))))) $0 rotation_invariant F))
$0 $0))
```



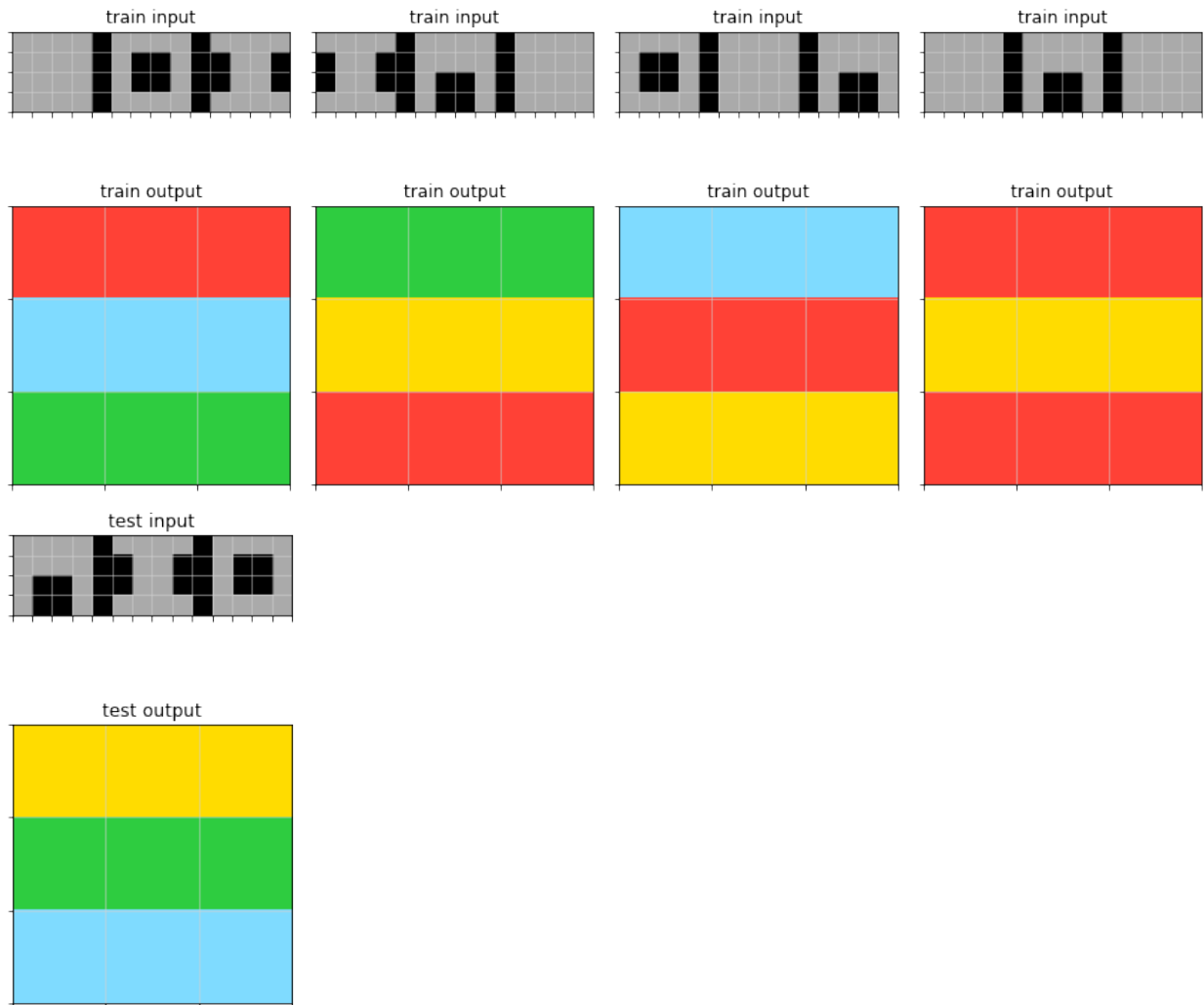
## Task 222

```
(lambda (#(lambda (lambda (output (inflate (input $1) $0)))) $0 3))
```



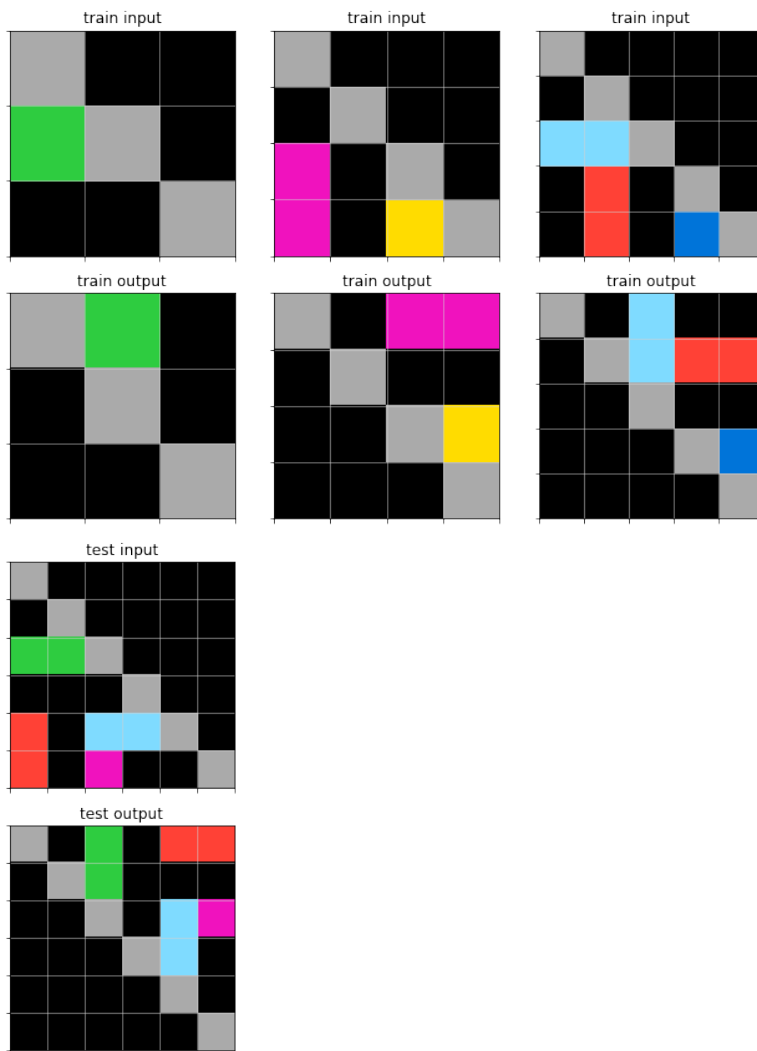
## Task 234

```
(lambda (vstack (filter_list (construct_mapping (lambda (objects2 $0 T T)) (lambda
(objects2 $0 T T)) no_invariant $0) (lambda (has_y_symmetry $0))))))
```



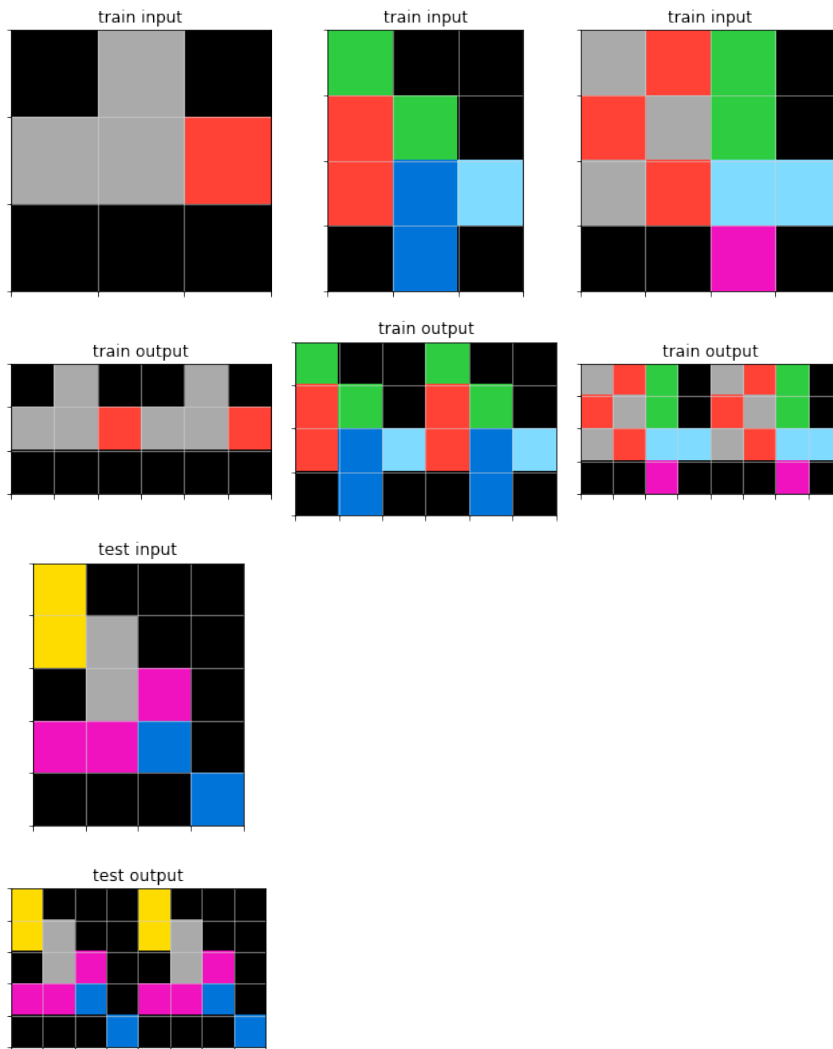
## Task 240

```
(lambda (#(lambda (output (rotate_ccw (y_mirror (input $0)))))) $0))
```



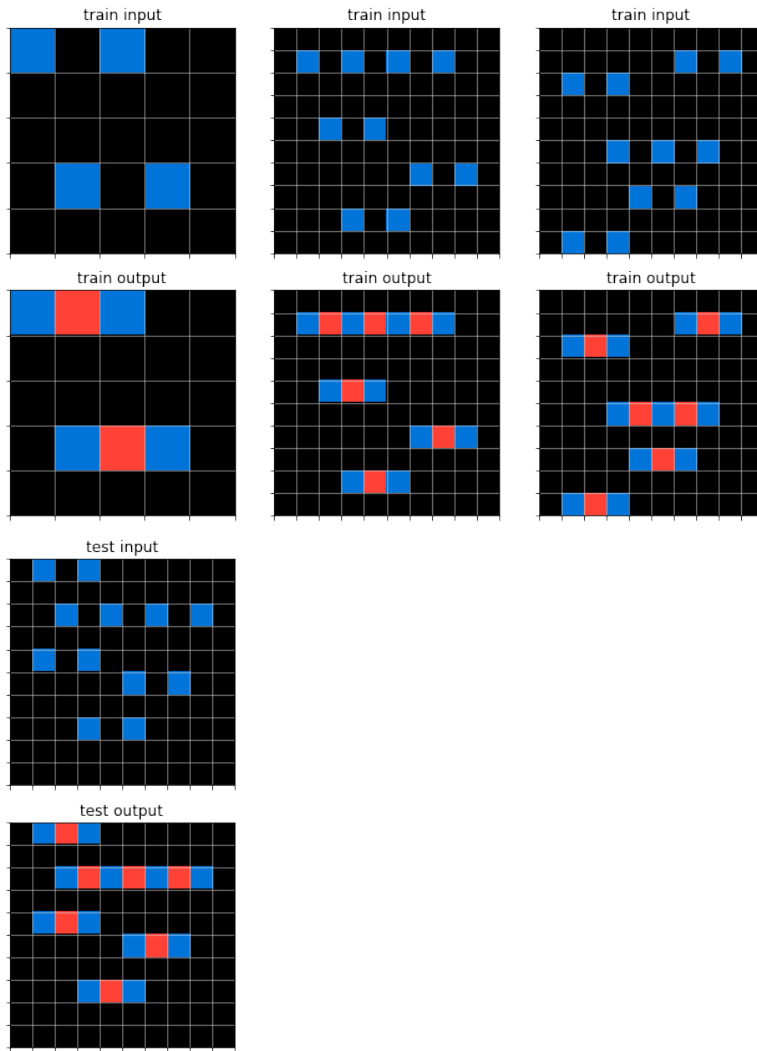
## Task 248

```
(lambda (#(lambda (output (combine_grids_horizontally $0 $0))) (input $0)))
```



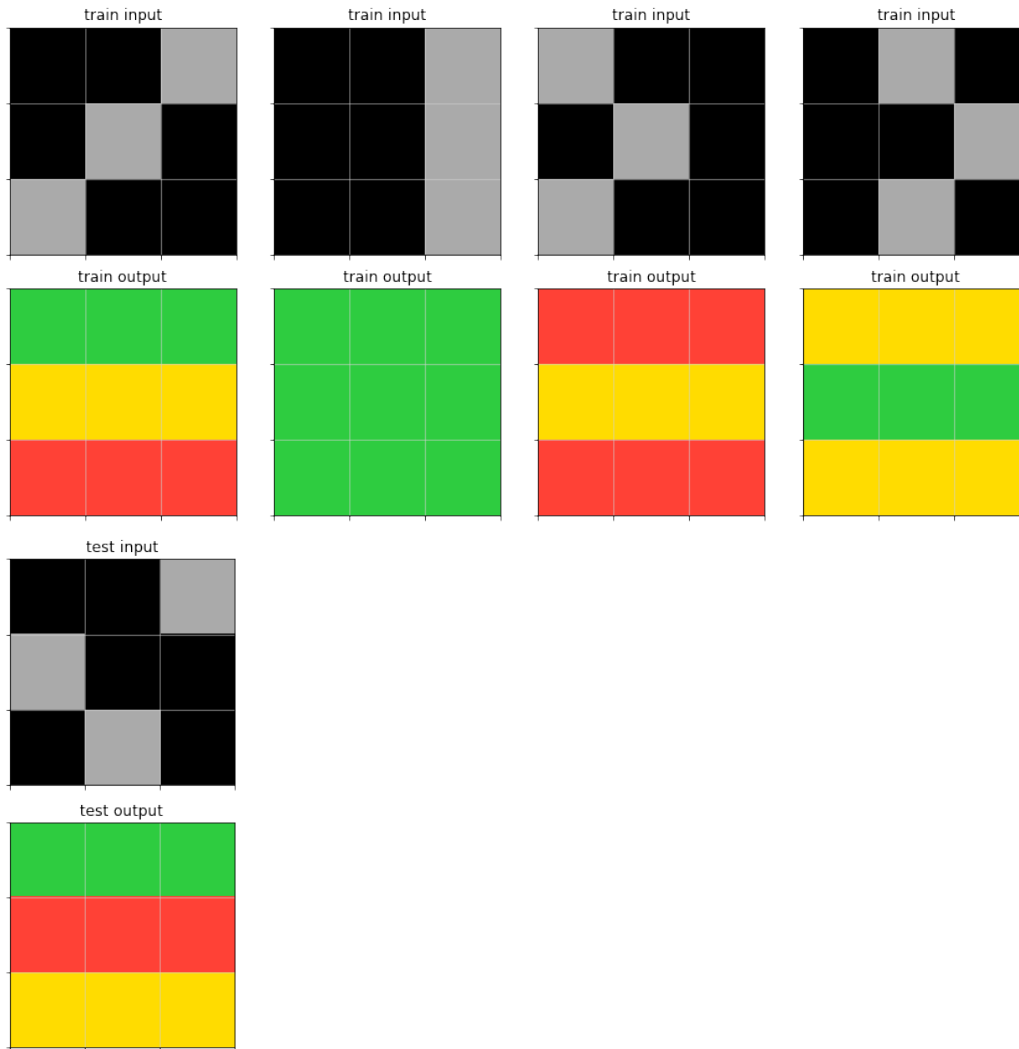
## Task 257

```
(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (rows $0)) (lambda
(rows $0)) $1 $0)))) rotation_invariant $0 $0))
```



## Task 261

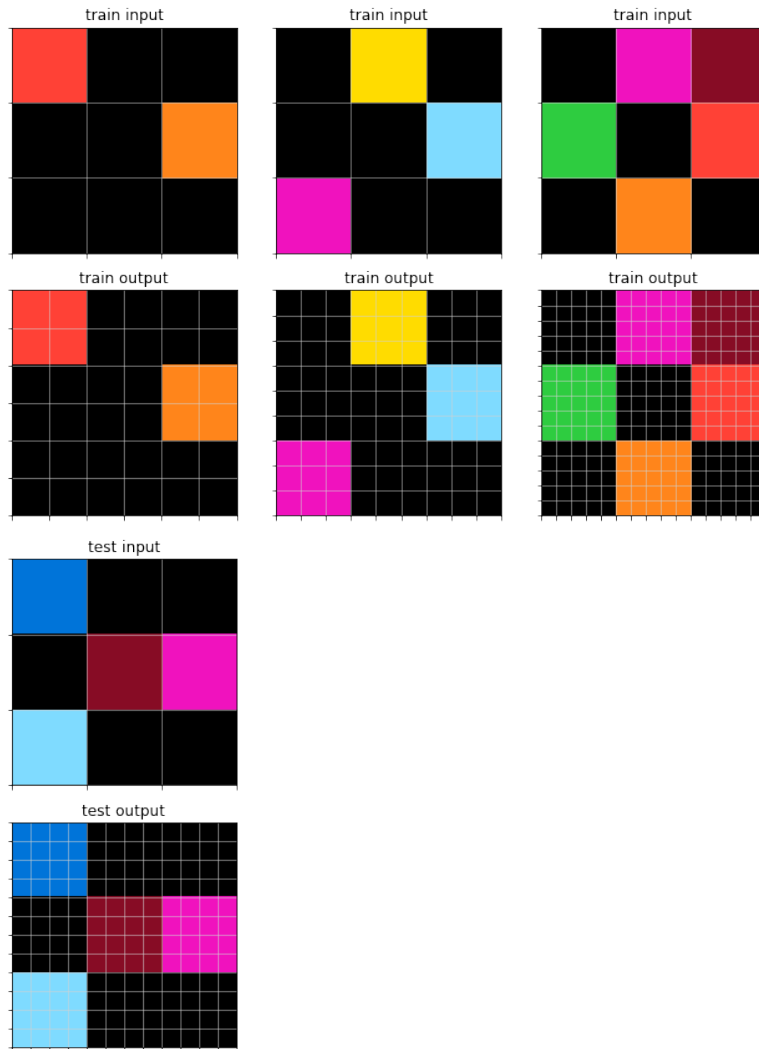
```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (rows $0)) (lambda (rows $0)) $1 $0)))) color_invariant $0)) $0 $0))
```





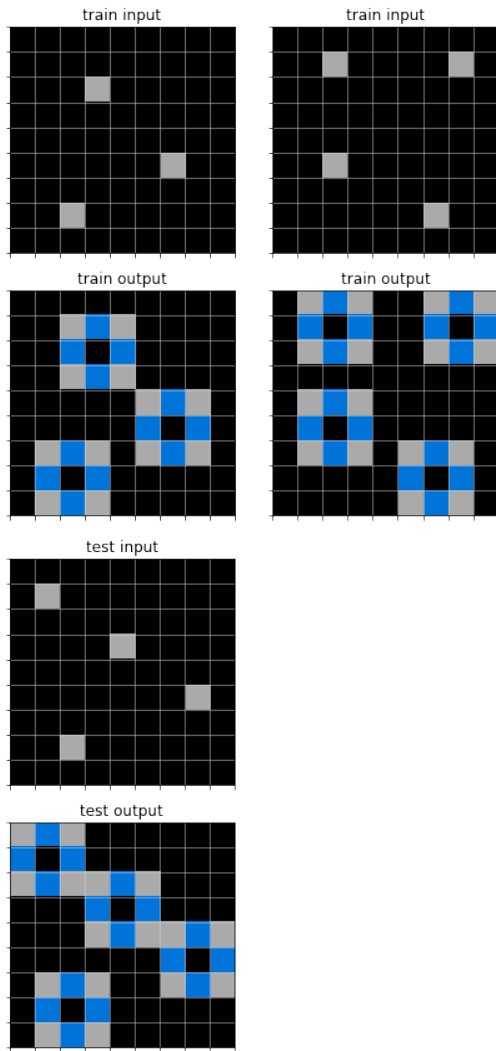
## Task 268

```
(lambda (#(lambda (lambda (#(lambda (lambda (output (inflate (input $1) $0)))) $0 (num_c
(input $1)))))) $0 $0))
```



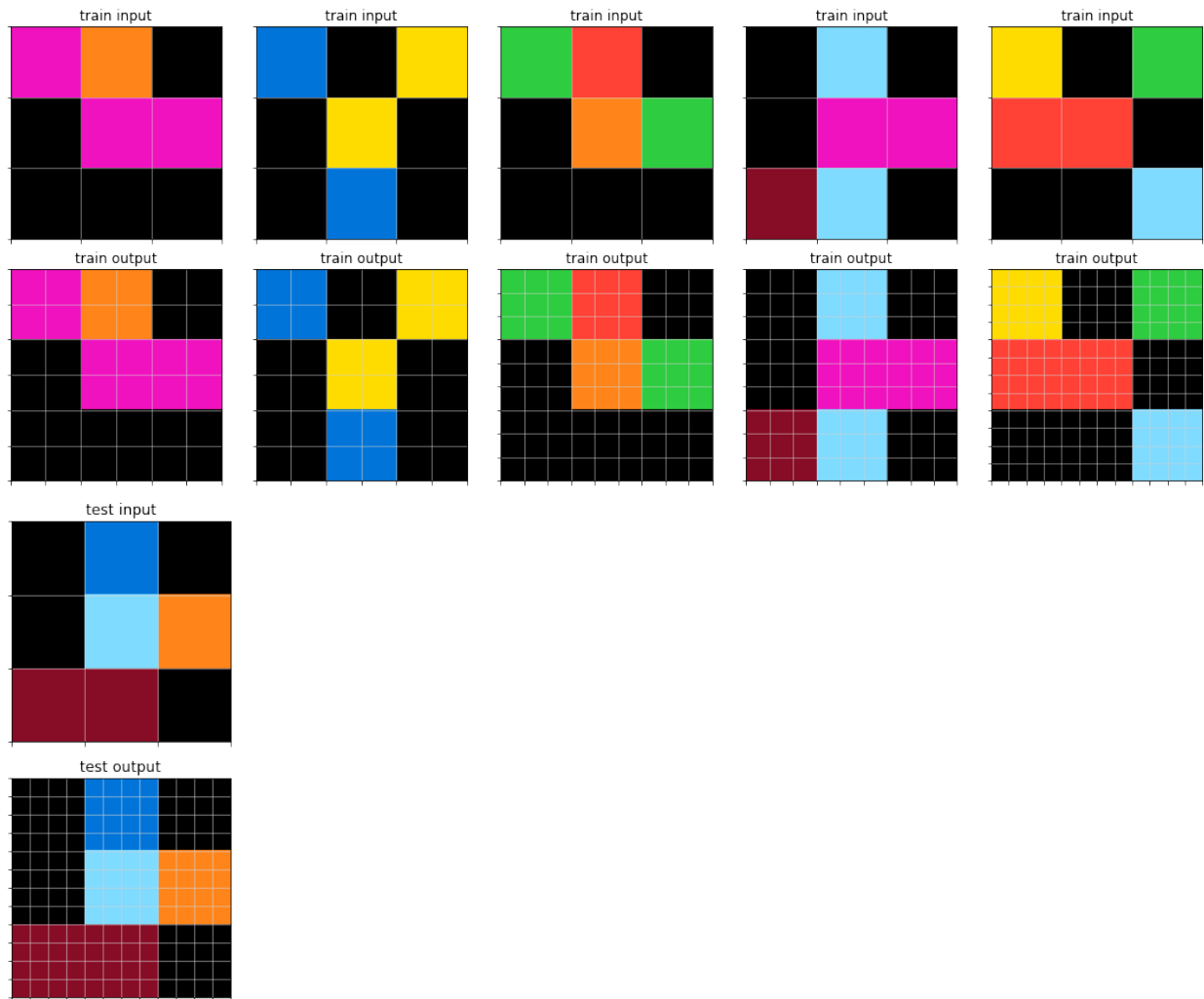
## Task 281

```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (objects
$0 F $1)) (lambda (objects2 $0 F $1)) color_invariant $1)))) $0 F)) $0 $0))
```



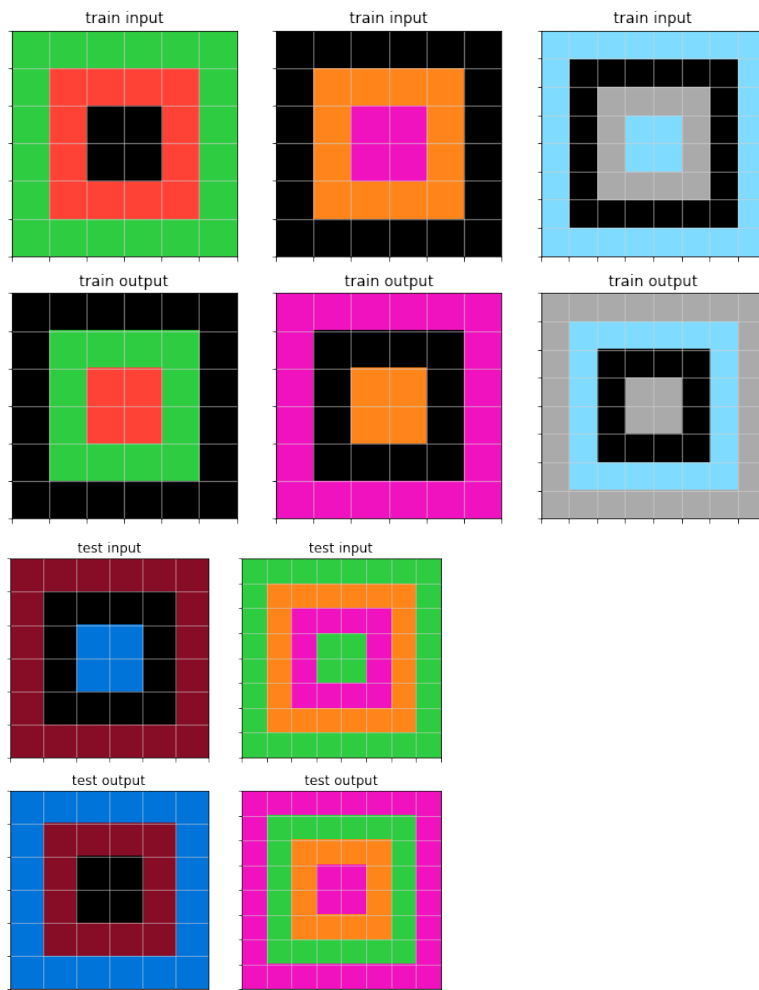
## Task 288

```
(lambda (#(lambda (lambda (#(lambda (lambda (output (inflate (input $1) $0)))) $0 (num_c
(input $1)))))) $0 $0))
```



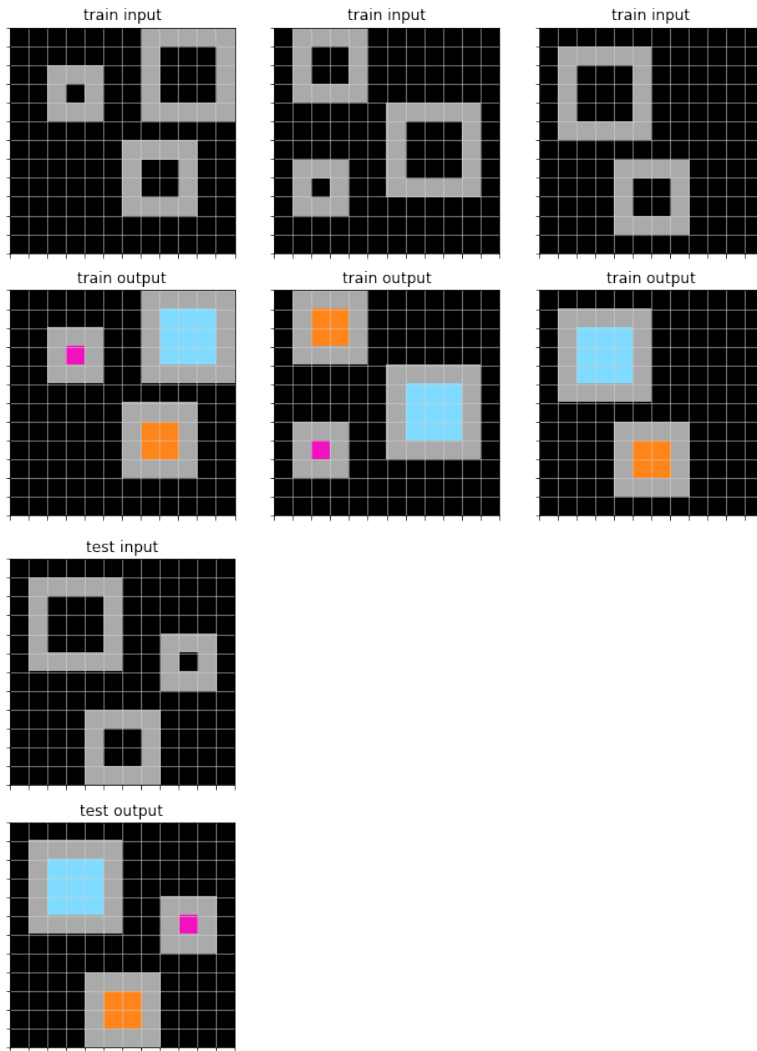
## Task 297

```
(lambda (#(construct_mapping2 color_invariant) $0))
```



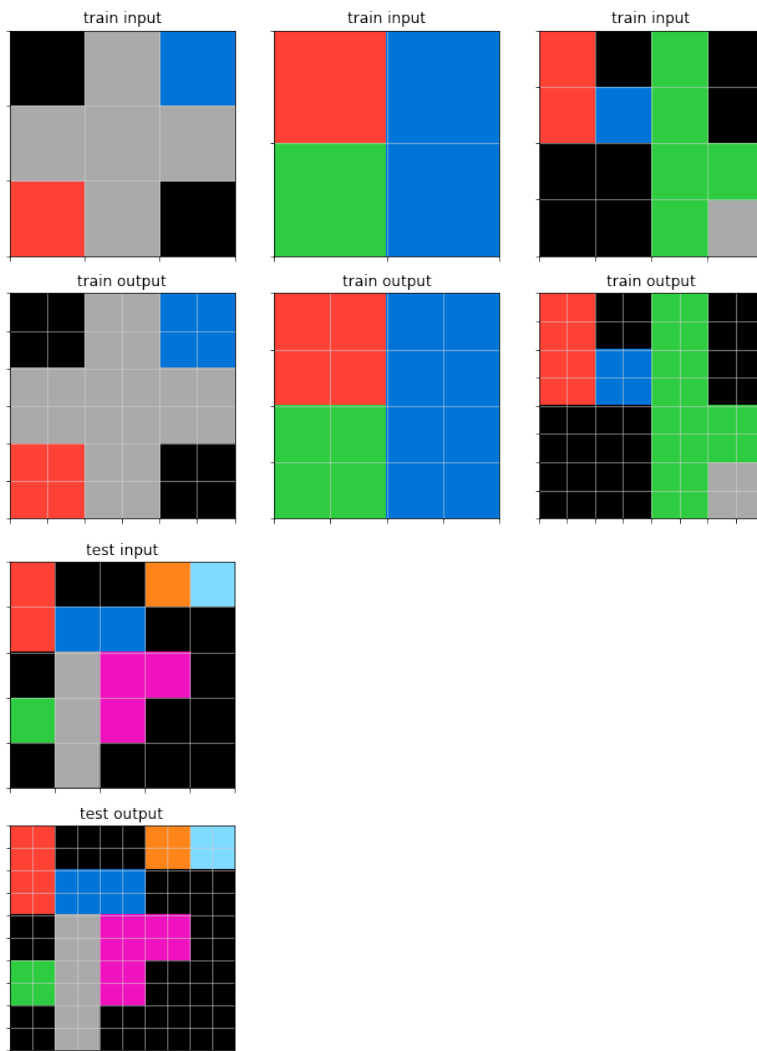
## Task 301

```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (objects
$0 F $1)) (lambda (objects2 $0 F $1)) color_invariant $1)))) $0 F)) $0 $0))
```



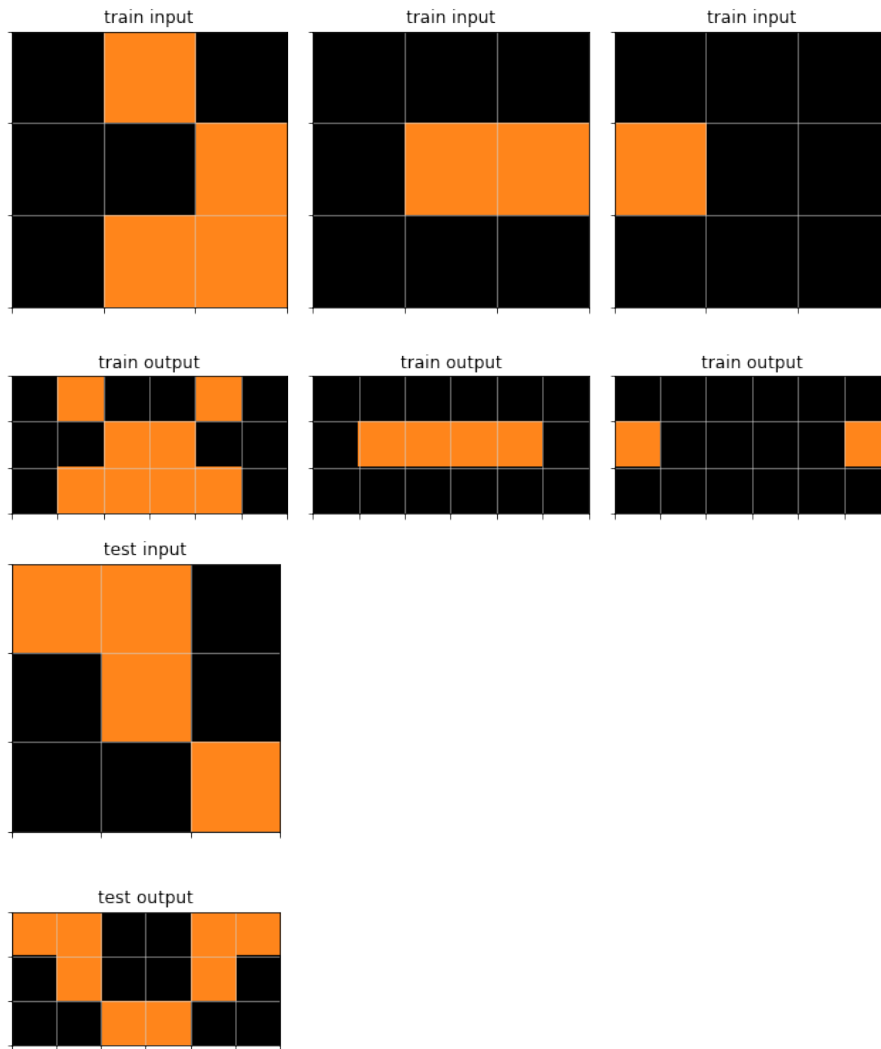
## Task 306

```
(lambda (#(lambda (output (inflate (#(lambda (object (input $0))) $0) 2))) $0))
```



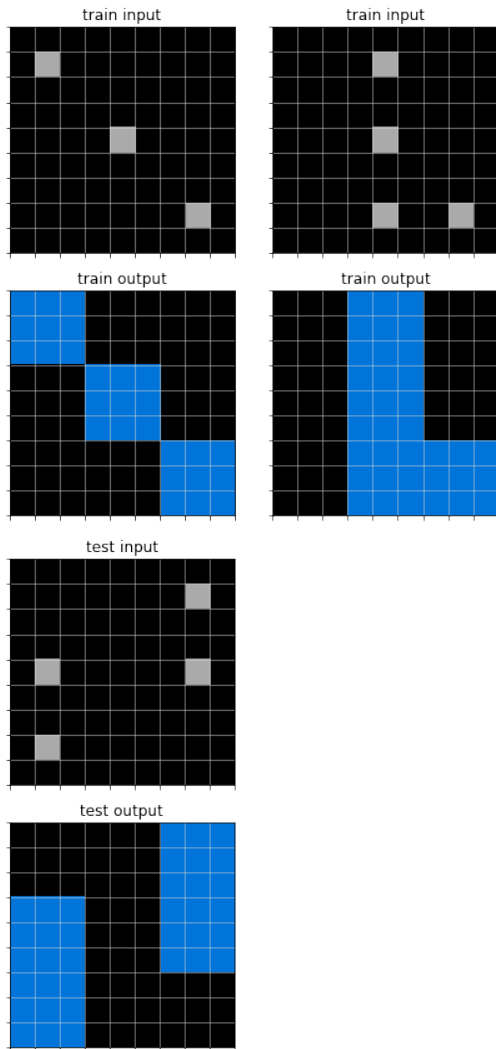
## Task 310

```
(lambda (#(lambda (output (combine_grids_horizontally (input $0) (y_mirror (input $0))))
$0))
```



## Task 316

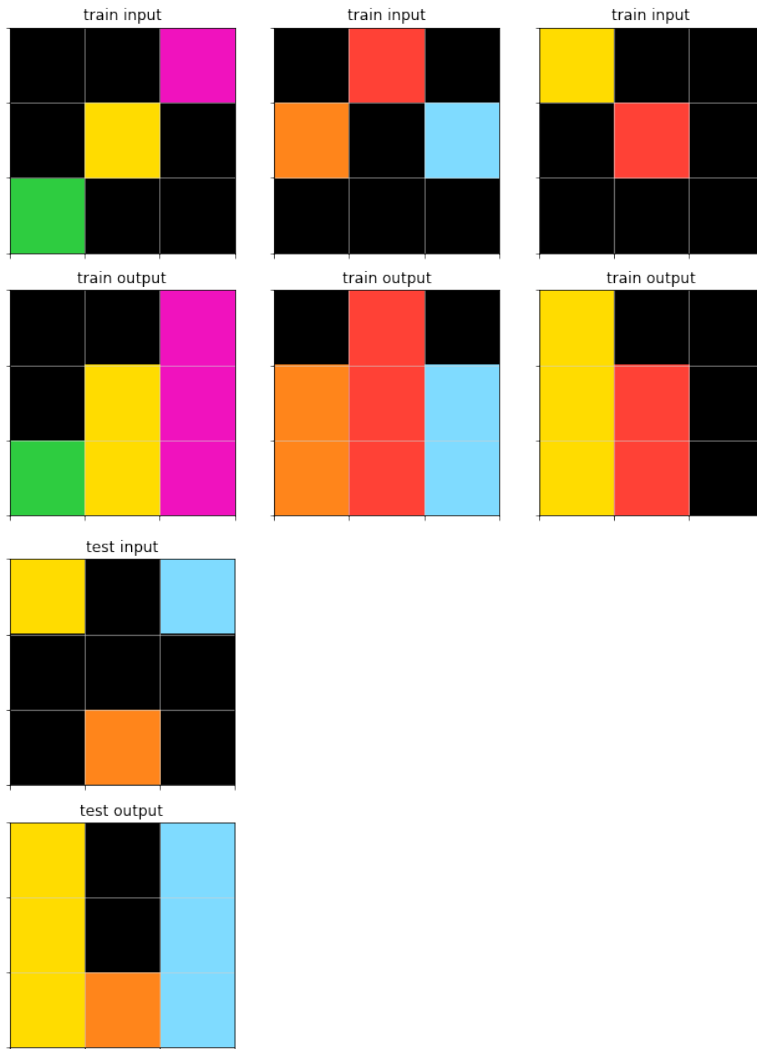
```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (objects  
$0 F $1)) (lambda (objects2 $0 F $1)) color_invariant $1)))) $0 F)) $0 $0))
```





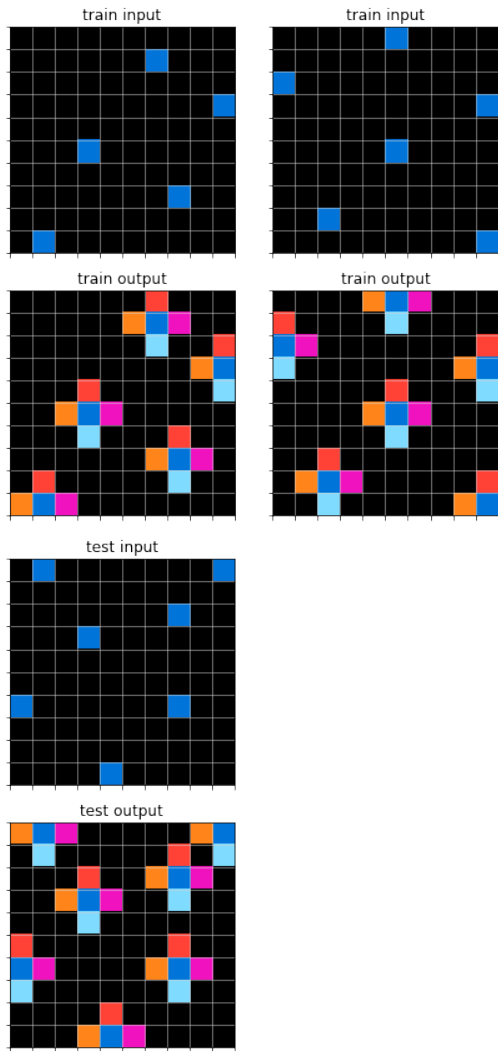
## Task 321

```
(lambda (#(lambda (lambda (lambda (place_into_grid (construct_mapping (lambda (objects2
$0 F T)) (lambda (objects2 $0 F $1)) $1 $2)))))) $0 color_invariant T $0))
```



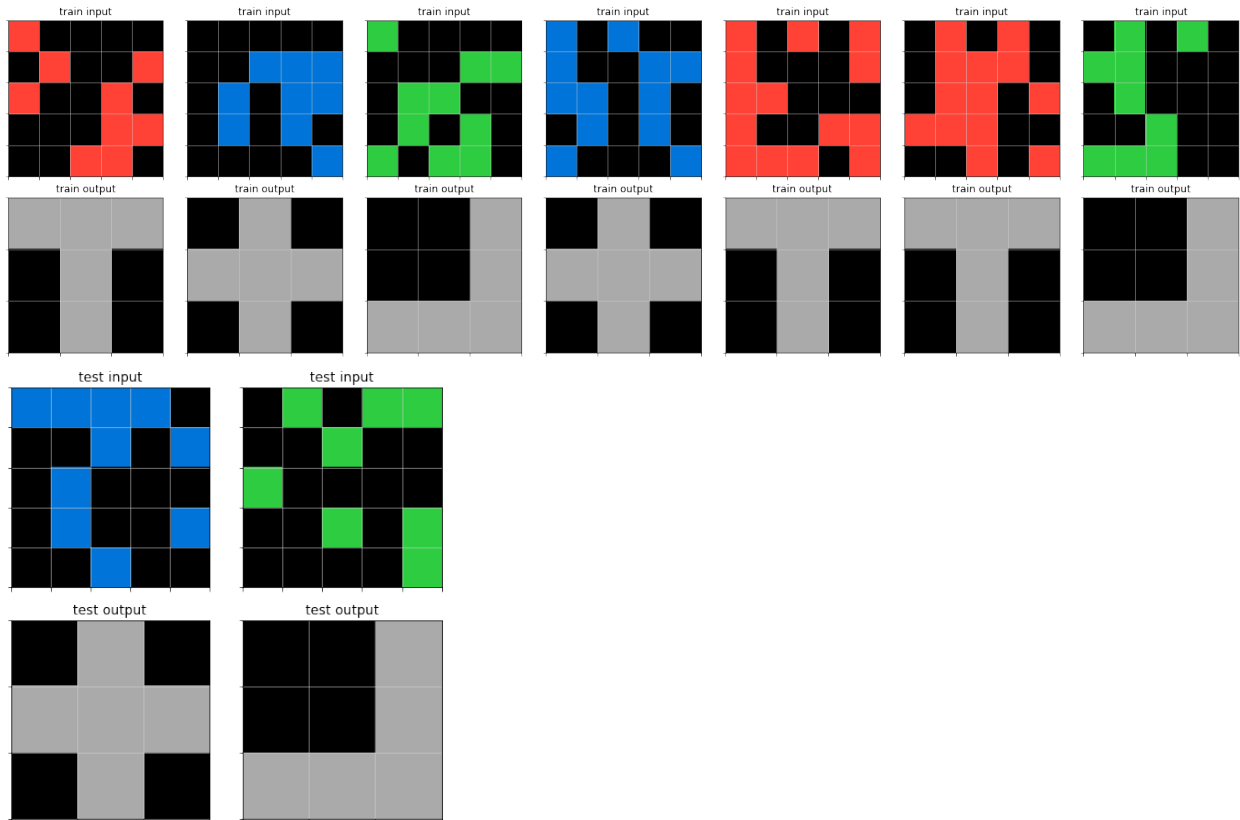
## Task 330

```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (objects
$0 F $1)) (lambda (objects2 $0 F $1)) color_invariant $1)))) $0 F)) $0 $0))
```



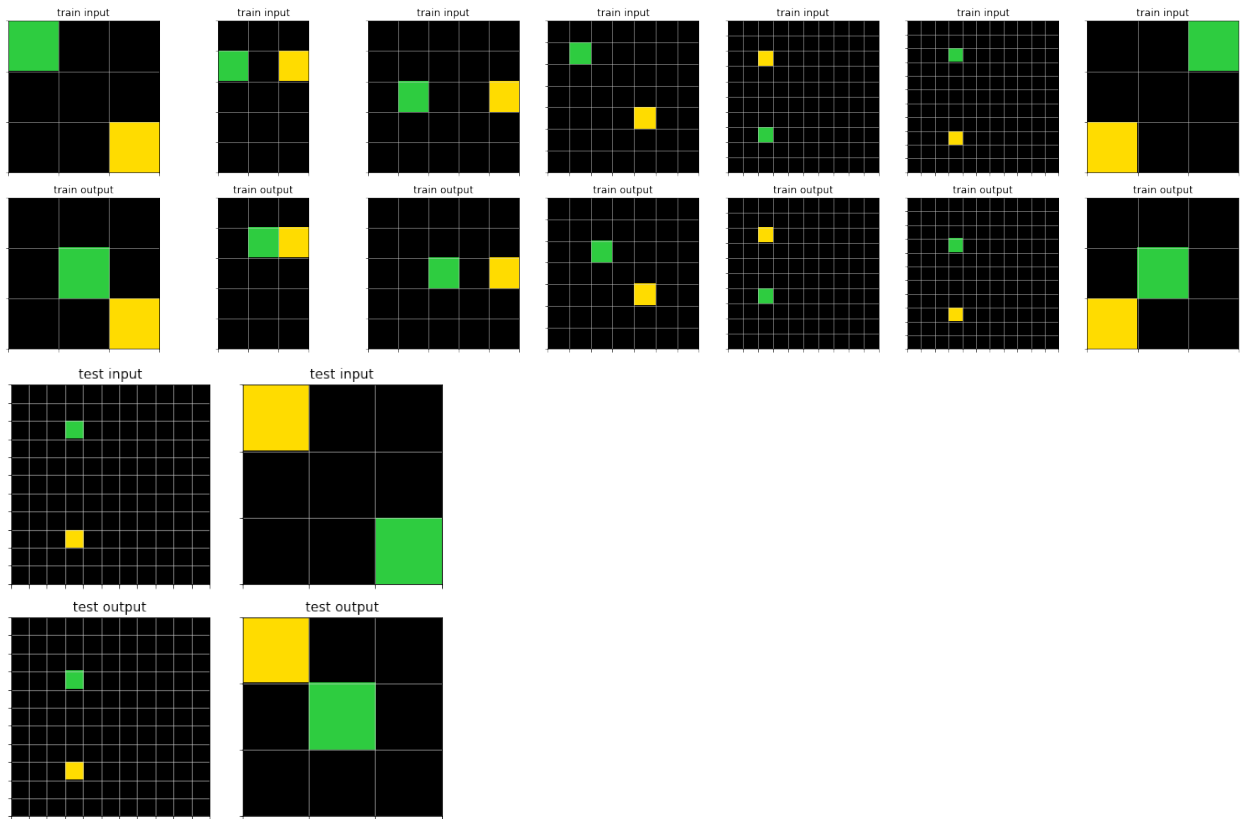
## Task 333

```
(lambda (#(lambda (lambda (construct_mapping3 (lambda (num_colors ($2 $0))) $0))) (lambda
(#(lambda (lambda (combine_grids_vertically $1 (input $0)))) $0 $1)) $0))
```



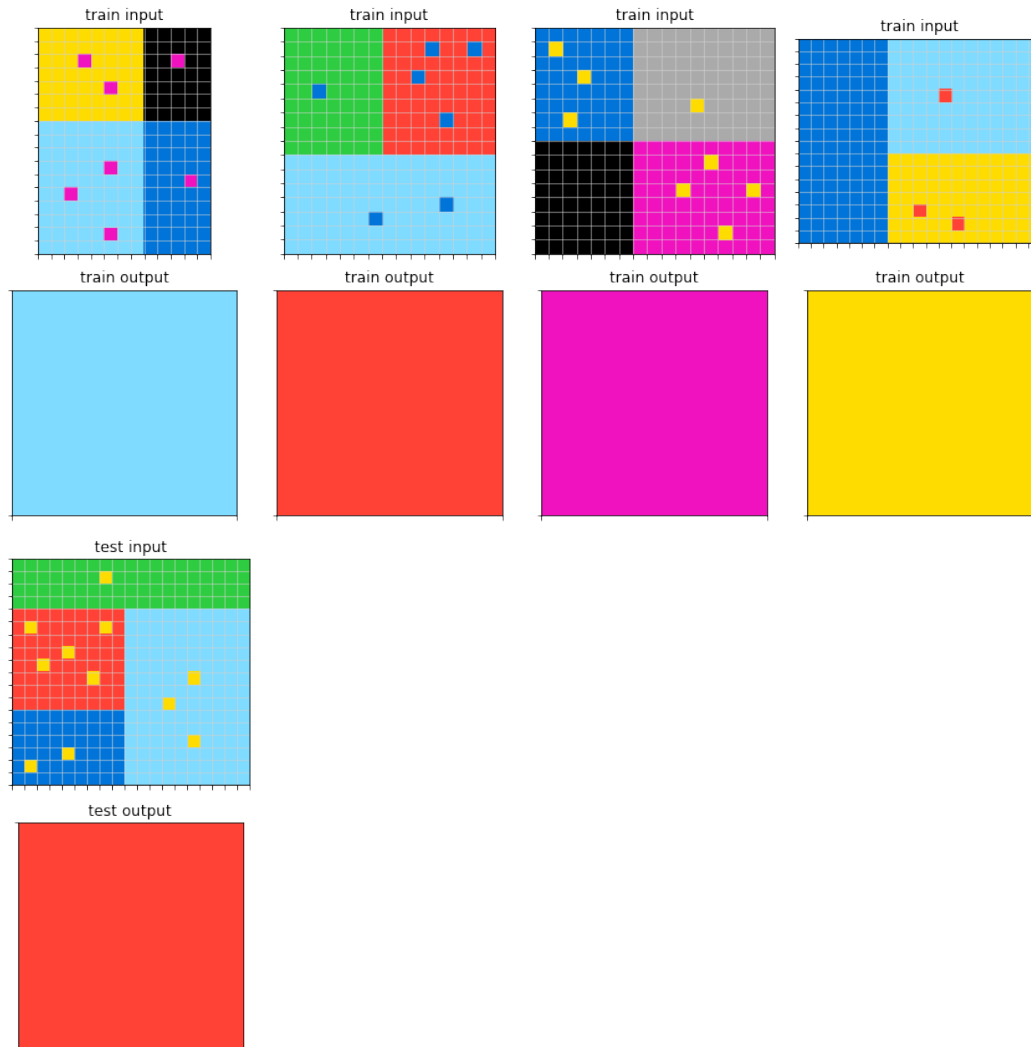
## Task 352

(lambda (#(construct\_mapping2 color\_invariant) \$0))



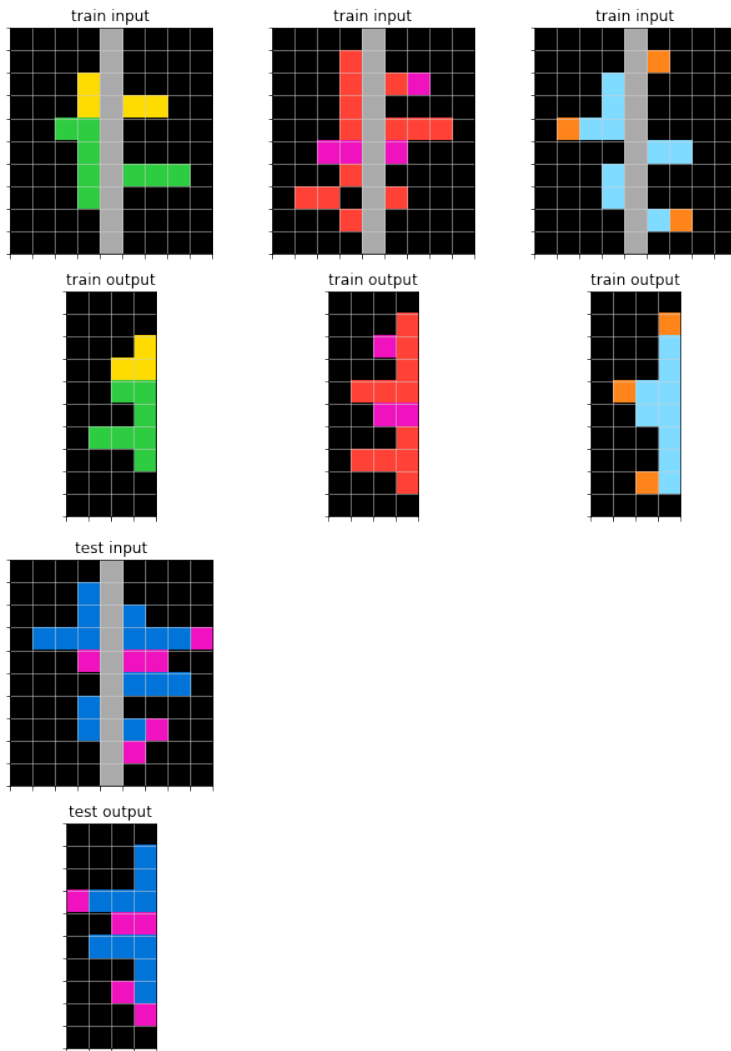
## Task 354

```
(lambda (#(lambda (lambda (construct_mapping3 (lambda (num_colors ($2 $0))) $0))) (lambda
(#(lambda (lambda (overlay $1 (input $0)))) $0 $1)) $0))
```



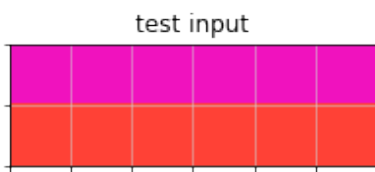
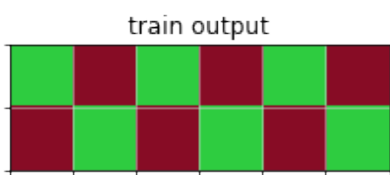
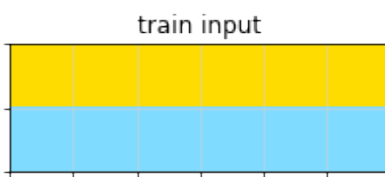
## Task 359

```
(lambda (output (#(lambda (top_half (left_half $0))) (#(lambda (lambda (overlay $1
(input $0)))) (y_mirror (#(lambda (lambda (combine_grids_vertically $1 (input $0))))
(input $0) $0)) $0))))
```



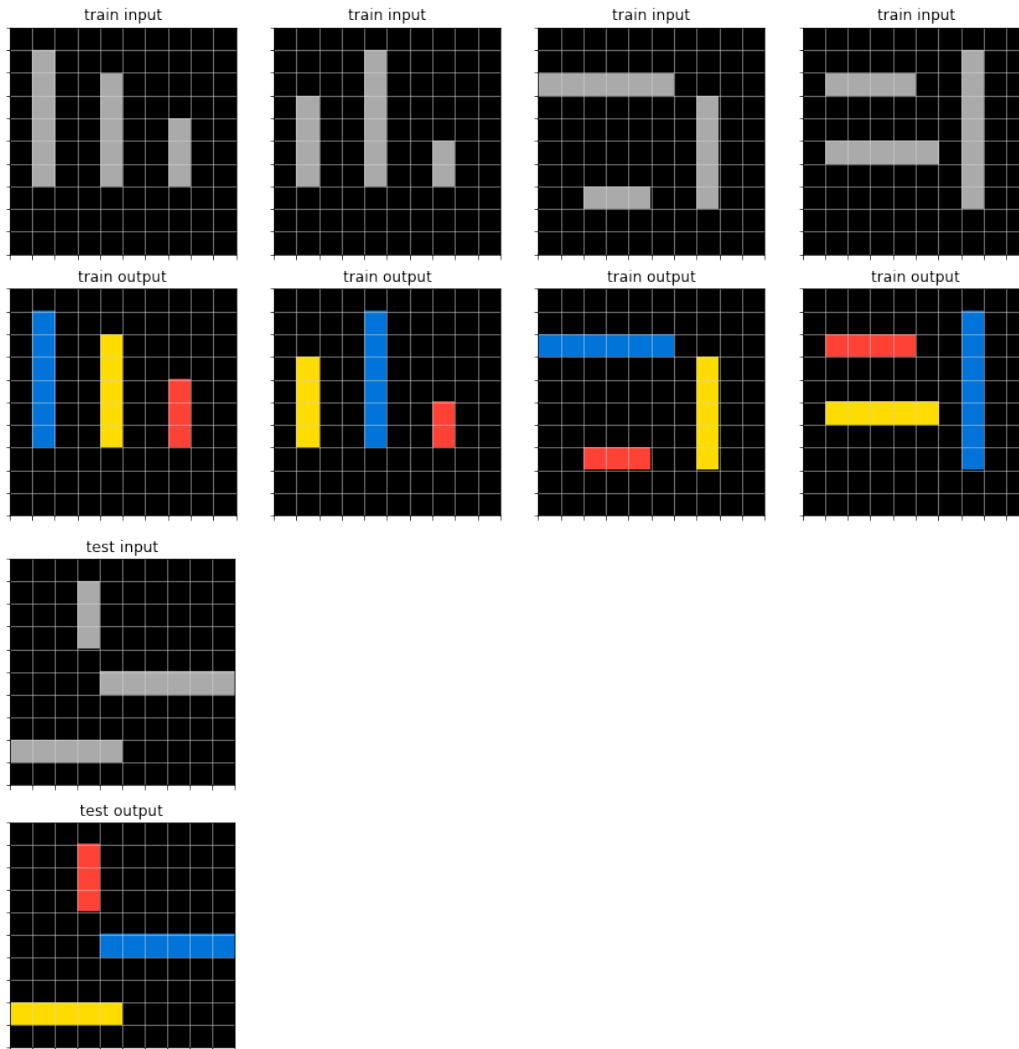
## Task 372

```
(lambda (#(construct_mapping2 color_invariant) $0))
```



## Task 373

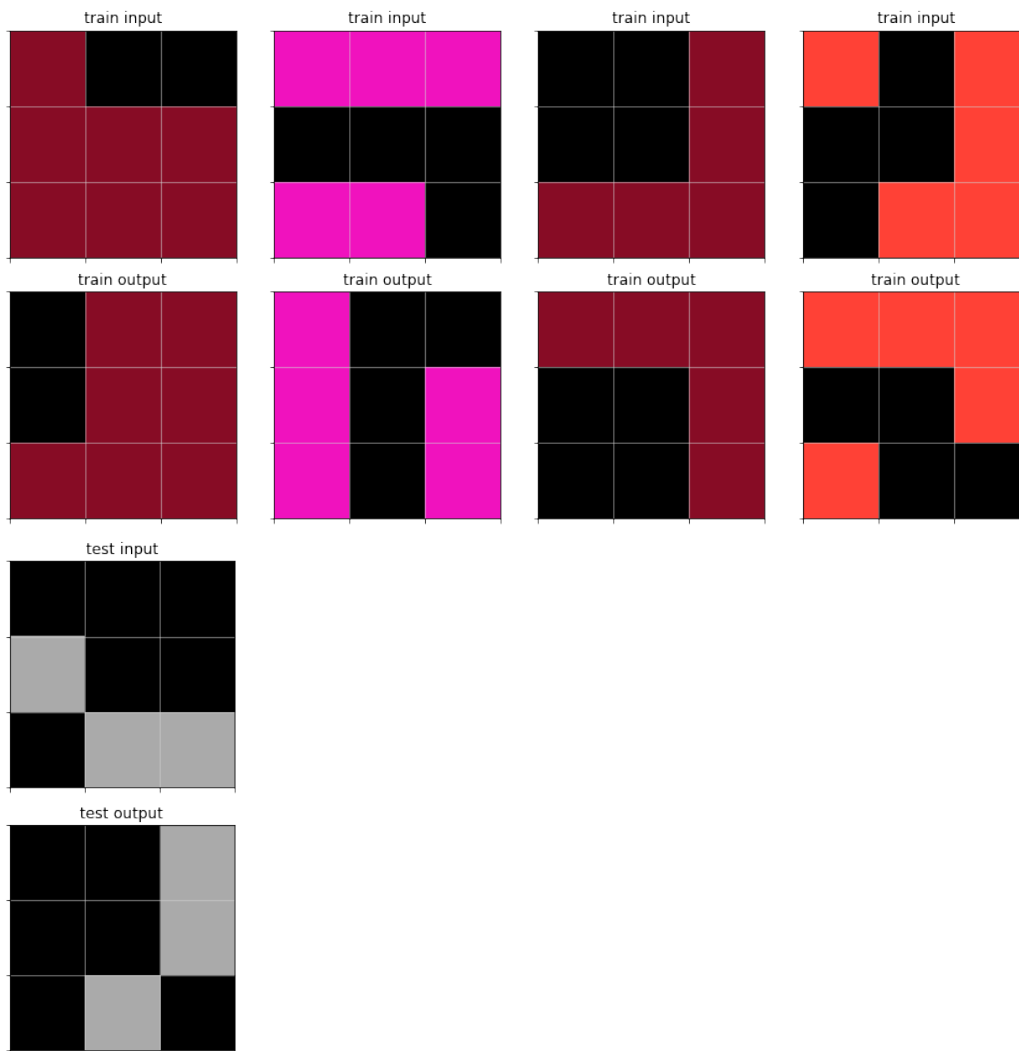
```
(lambda (#(lambda (#(lambda (lambda (place_into_grid (construct_mapping (lambda (objects
$0 F $1)) (lambda (objects2 $0 F $1)) color_invariant $1)))) $0 F)) $0 $0))
```





## Task 379

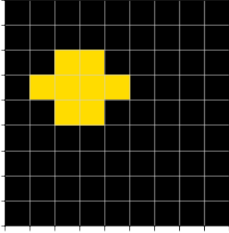
```
(lambda (output (#(lambda (rotate_ccw (input $0))) $0)))
```



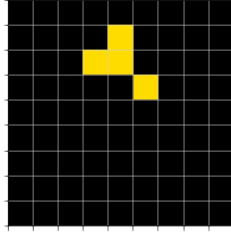
## Task 383

```
(lambda (#(lambda (output (inflate (#(lambda (object (input $0))) $0) 2))) $0))
```

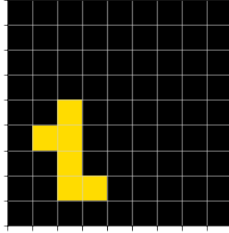
train input



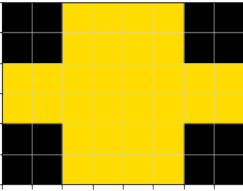
train input



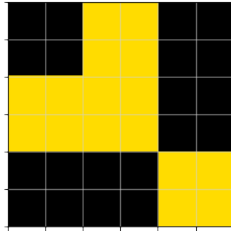
train input



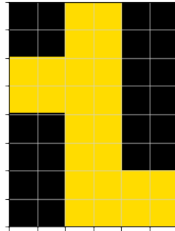
train output



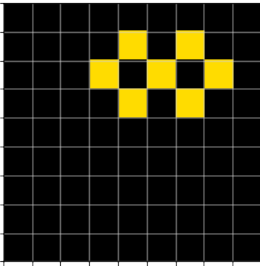
train output



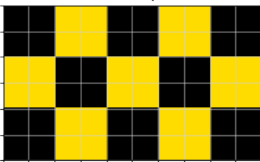
train output



test input

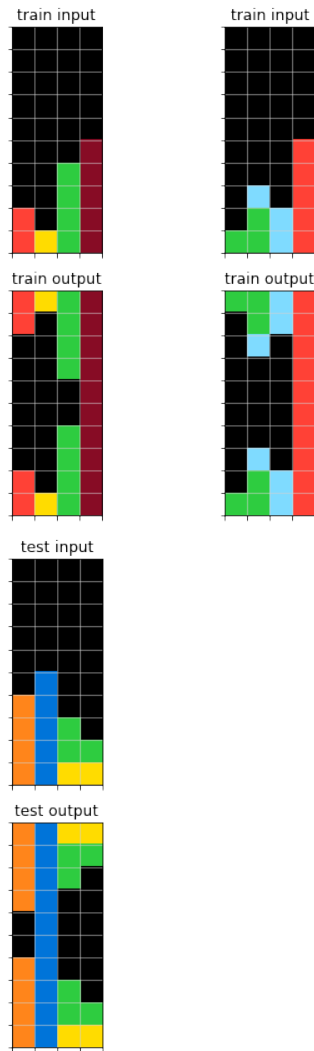


test output



## Task 384

```
(lambda (#(lambda (lambda (output (overlay (x_mirror (input $1)) (input $0))))) $0
$0))
```



## Task 398

```
(lambda (#(construct_mapping3 (lambda (objects2 $0 F F))) $0))
```

