Le mie matrici

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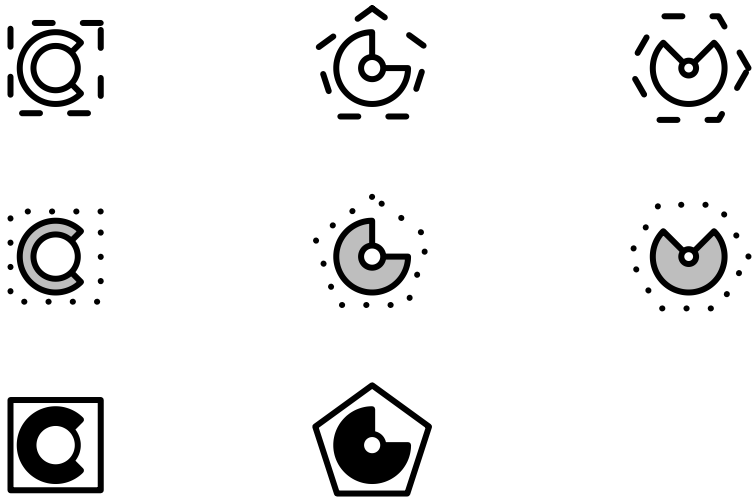
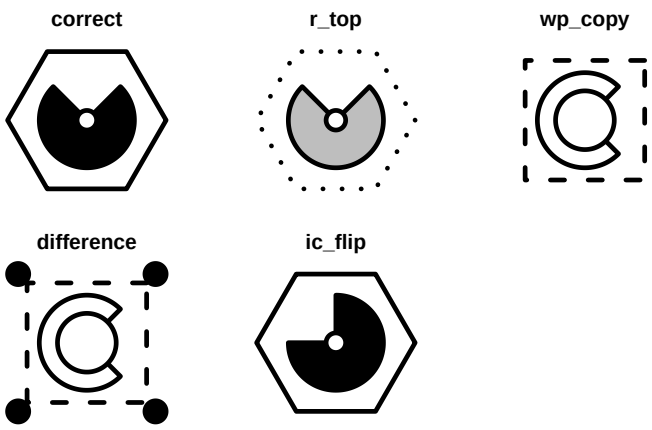
Visuo 1

```{r}
m1aa = mat_apply(cof(square(size.x = 16, size.y = 16), pentagon(), hexagon()),
                 "shape", "lty")
m1ab = mat_apply(pacman(size.x=9), c("rotate", "rotate"), "shade")
m1ac = mat_apply(circle(size.x = 5, shd = "white"), c( "size"))
m1a = com(m1aa, m1ab, m1ac)
draw(m1a, hide = TRUE)
```

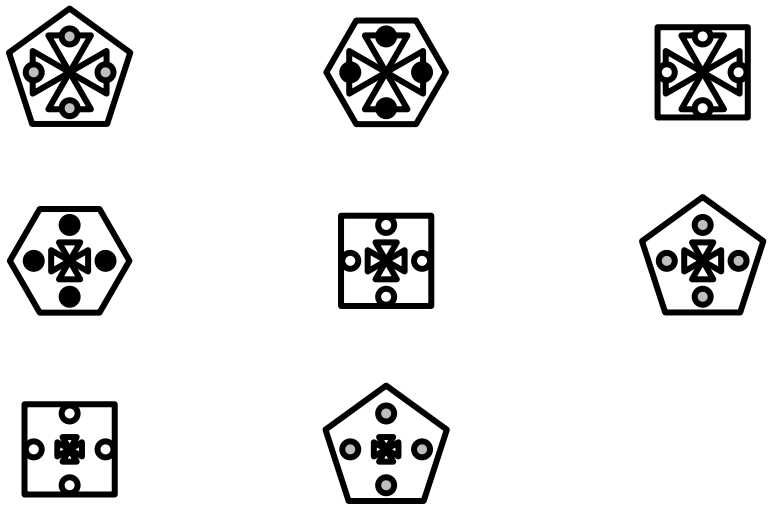


```{r}
#| out-width: 70%
#| fig-align: "center"
resp_m1a = response_list(m1a, seed = 5)
draw(resp_m1a, main = T, distractors = c("correct", "r_top", "wp_copy", "difference",
                                         "ic_flip"))
```

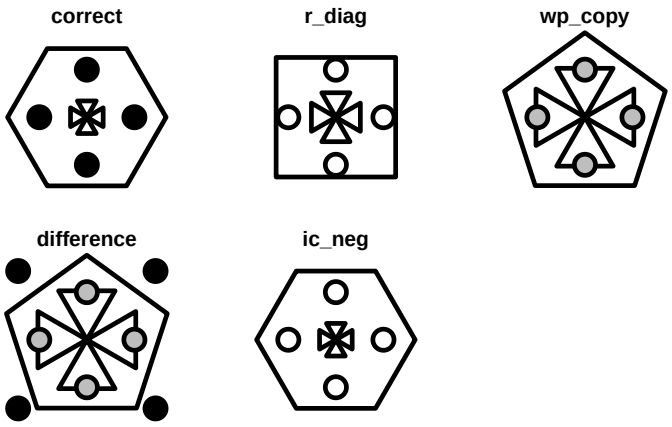


Visuo 2

```{r}
m2aa =  mat_apply(cof(square(size.x = 16, size.y = 16),
                      pentagon(size.x=16, size.y=16), hexagon()),
                  "shape", c( "shape"))
m2ab = mat_apply(size(malta()),vrules = c("size"))
m2ac = mat_apply(cof(dot(pos.y = 9),
                         dot(pos.y = -9),
                         dot(pos.x = 9), dot(pos.x =-9),
                       single = TRUE, name = "m"), vrules = "shade.inv", "shade.inv")
m2a = com(m2aa, m2ab, m2ac)
draw(m2a, hide = TRUE)
```

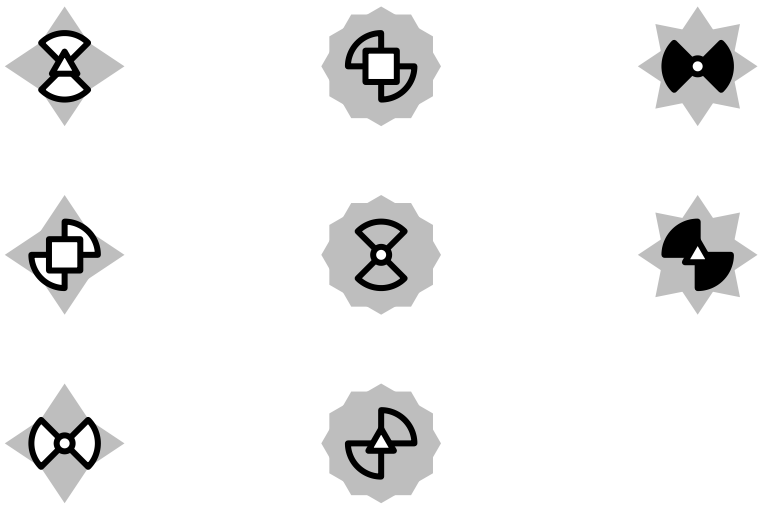


```{r}
#| fig-align: "center"
#| out-width: 70%

resp_m2a = response_list(m2a, seed = 5)
resp_m2a$ic_flip = replace(resp_m2a$correct, 3, rotate(hexagon(), 3))

draw(resp_m2a, main = T, distractors = c("correct", "r_diag", "wp_copy", "difference",
                                         "ic_neg"))
```



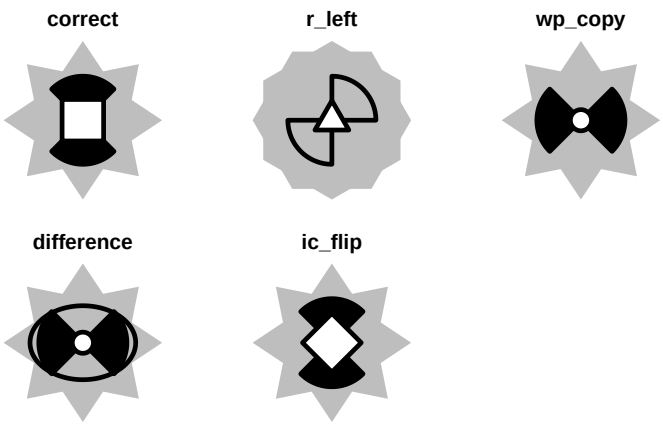
Visuo 3

```{r}
myhex = cof(hexagon(shd = "grey", lty = 0),
            rotate(hexagon(shd = "grey", lty = 0), 3),
            single = T, name ="myhex")
m3aa =  mat_apply(cof(s_ninja(shd ="grey"),
                      myhex,
                      s_star(shd = "grey")),
                  "shape")

m3ab = mat_apply(size(axe(shd = "black"), 2), c("rotate", "shade"), "rotate.inv")
m3ac = mat_apply(cof(size(square(shd = "white"), 3),
                     size(triangle(shd = "white"),3),
                     dot(shd = "white")), "shape", "shape.inv")
m3a = com(m3aa, m3ab, m3ac)
draw(m3a, hide = TRUE)
```



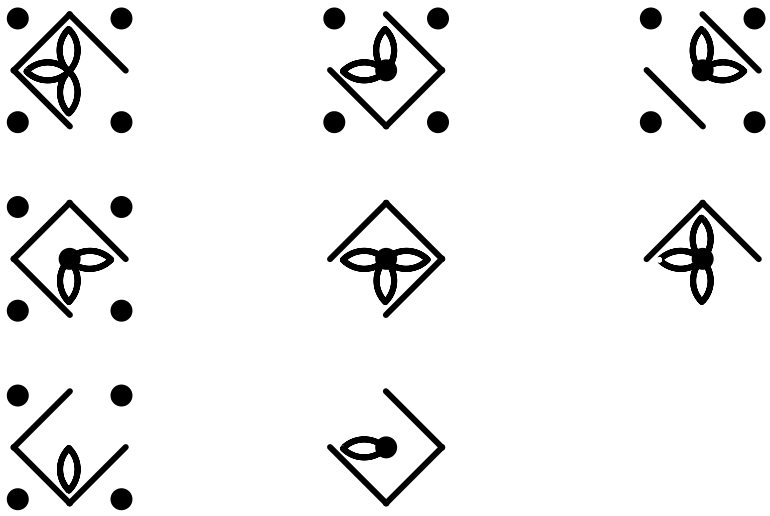
```{r}
#| out-width: 70%
#| fig-align: "center"

resp_m3a = response_list(m3a, seed = 2)
draw(resp_m3a, distractors = c("correct", "r_left", "wp_copy", "difference",
                               "ic_flip"), main = TRUE)
```

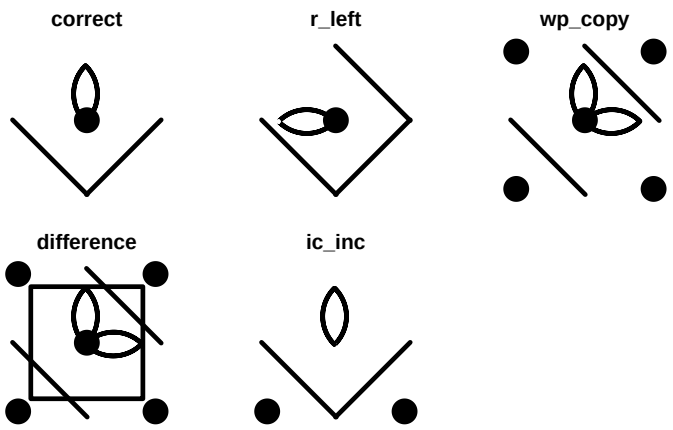


Logic 1

```
```{r}
logic1aa = mat_apply(luck4(), "AND")
logic1ab = mat_apply(cof(miley(), dot(), dice()),
                     vrules = "AND")
logic1a = com(logic1aa, logic1ab)
draw(logic1a, hide = TRUE)
```
```

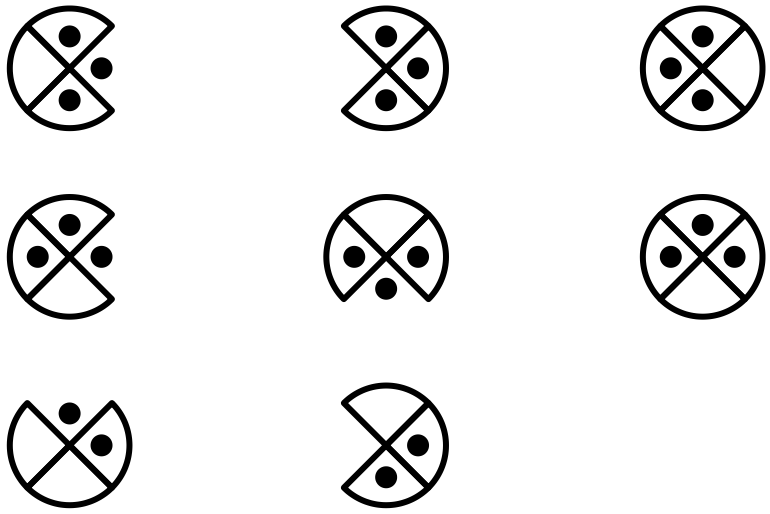


```{r}
#| out-width: 70%
#| fig-align: "center"

resp_l1a = response_list(logic1a, seed = 1)
resp_l1a$ic_inc = replace(resp_l1a$ic_inc, 10, cof(dot(pos.x = 13, pos.y = -13),
                                                   dot(pos.x = -13, pos.y = -13), single = T
draw(resp_l1a, distractors = c("correct", "r_left", "wp_copy", "difference",
               "ic_inc"), main = TRUE)
```

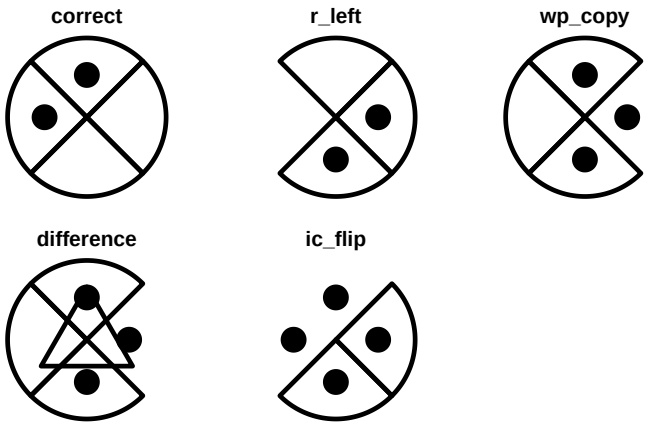


Logic 2

```{r}
logic2a = mat_apply(pizza_4(), hrules = "OR")
logic2b = mat_apply(cof(dot(pos.y = 8),
                        dot(pos.y = -8),
                        dot(pos.x = 8), dot(pos.x =-8)),
                    vrules = "AND")
logic2 = com(logic2a, logic2b)
draw(logic2, hide = TRUE)
```

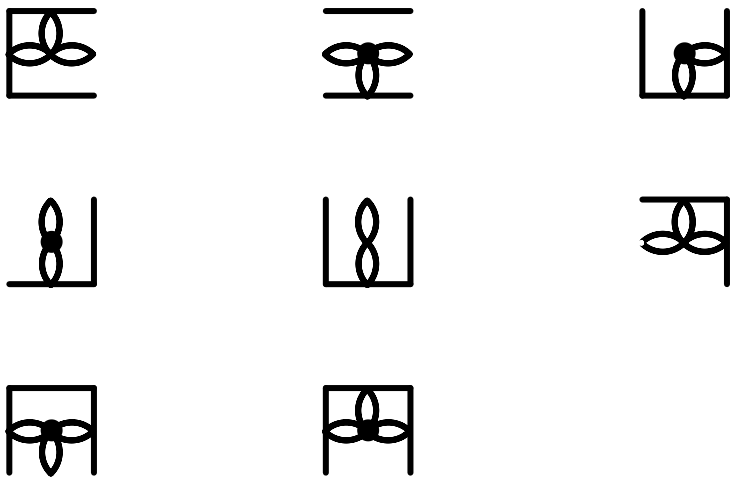


```{r}
#| out-width: 70%
#| fig-align: "center"
myfig = cof(slice(), rotate(slice(), 3), single = T, name = "F")
resp_l2 = response_list(logic2)
resp_l2$ic_flip =cof(dot(pos.y = 8),
                     dot(pos.y = -8),
                     dot(pos.x = 8), dot(pos.x =-8), rotate(myfig, 5))
draw(resp_l2, distractors = c("correct", "r_left", "wp_copy", "difference",
                              "ic_flip"), main = TRUE)
```



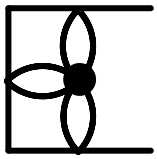
Logic 3

```{r}
logic3a = mat_apply(cof(phantom(), miley(),
                        dot(), square4()), vrules = "XOR")

draw(logic3a, hide = TRUE)
```

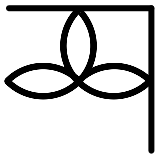


```{r}
#| out-width: 70%
#| fig-align: "center"


resp_l3a = response_list(logic3a, seed =8)
resp_l3a$ic_inc = replace(resp_l3a$correct, 6, phantom())
draw(resp_l3a, distractors = c("correct", "r_top", "wp_copy", "difference", "ic_inc"), mai
```

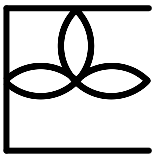
correct



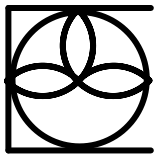
r_top



wp_copy



difference



ic_inc