```
class p1 extends object ←
        field a
        field b

    method initialize (x, y)
            begin
                    set a = x;
                    set b = y;
                    0
            end

    method m1(x,y)
            begin
                    set a = -(a,x);
                    set b = -(b,y);
                    send self m3(a,b)
            end

    method m3(x,y)
            +(-(a,x),-(b,y))

class p2 extends p1
        field b
        method initialize (x,y,z)
                begin
                ──→super initialize (x,y);
                    set b = z;
                    0
                end
        method m3(x,y)
            +(b,+(x,y))
let
    o1 = new p1(2,3)
    o2 = new p2(4,6,8)
    in
        let
            a = send o1 m1(1,4)  = 0
            b = send o2 m1(3,2)
            in
                +(a,b)
```
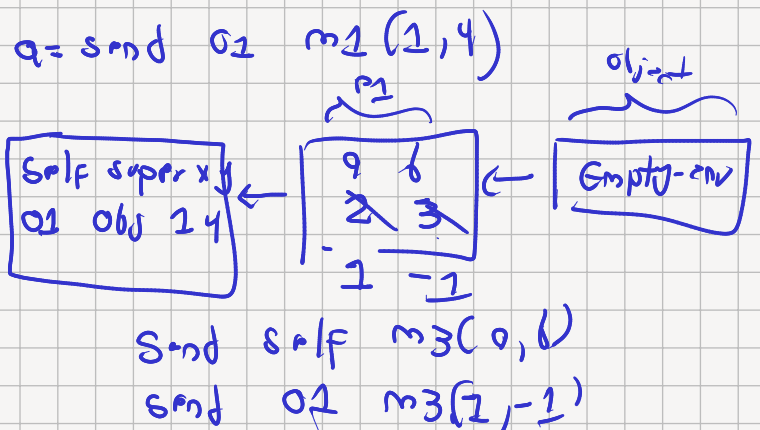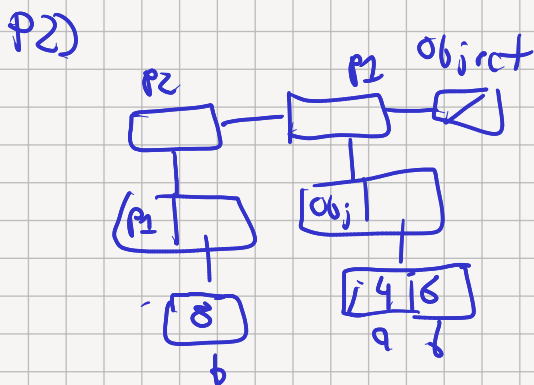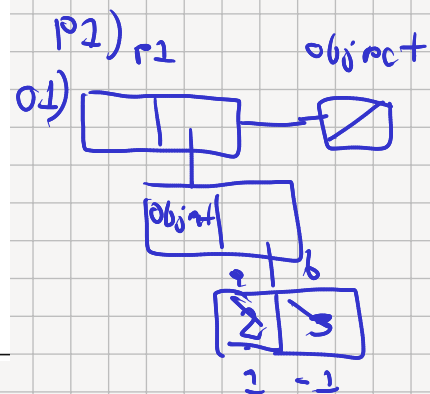
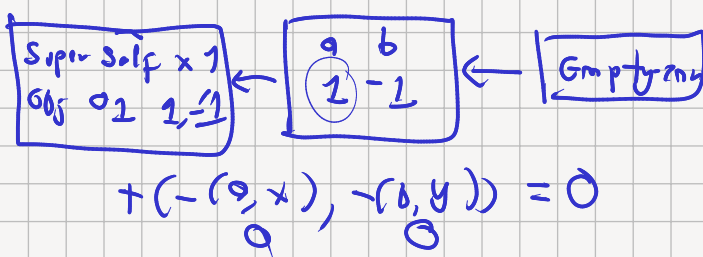class animal:
    def morder(self, x,y):
        self.msg = "hola"

public class Animal{
    int a;
    inb b;
    public void f(x,y){
        this.a = x;
    }
}

P1) r1   object
o1)

P2)

send o1 m3(1,-1)

a= send o1 m1(1,4)

Send self m3(0,6)
send o1 m3(1,-1)

+(-(0,x),-(b,y)) = 0

```
class p1 extends object
        field a
        field b

        method initialize(x, y)
                begin
                        set a = x;
                        set b = y;
                        0
                end

    --> method m1(x,y)
                begin
                        set a = -(a,x);
                        set b = -(b,y);
                        send self m3(a,b)
                end

        method m3(x,y)
                +(-(a,x),-(b,y))

class p2 extends p1
        field b
        method initialize(x,y,z)
                begin
                        super initialize(x,y);
                        set b = z;
                        0
                end
    -->{ method m3(x,y)
                +(b,+(x,y))
let
        o1 = new p1(2,3)
        o2 = new p2(4,6,8)
        in
                let
                        a = send o1 m1(1,4)
                --> b = send o2 m1(3,2)
                        in
                                +(a,b)
```
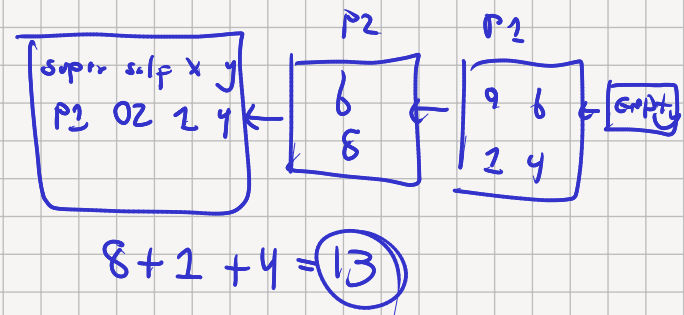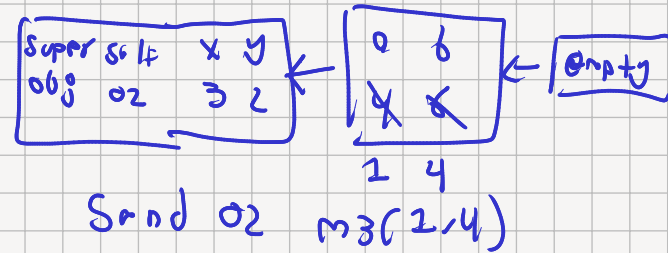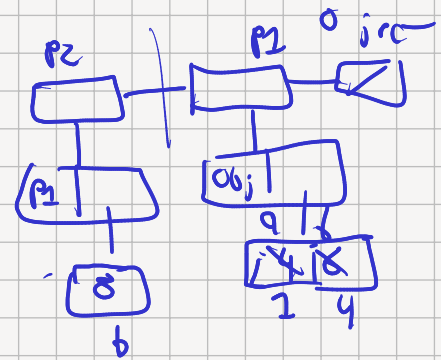

Handwritten work:

Send o2 m3(2,4)

8 + 1 + 4 = 13

```
class p1 extends object
        field x
        field y

        method initialize(a,b)
                begin
                        set x = a;
                        set y = b;
                        0
                end

        method m1(u,v)
                send self m2(u,v)

        method m2(u,v)
                +(x,y,u,v)

class p2 extends p1
        field w
        field z

        method initialize(a,b)
                begin
                        super initialize(a,b);
                        set w = +(a,b);
                        set z = *(a,b);
                        0
                end

        method m2(u,v)
                *(w,z,u,v)

let
        o1 = new p2(1,4)
        in
                send o1 m1(10,5)
```