

División binaria ($Q = X/Y$; $R = X - Q*Y$)

```
D63:32 = Y ;
D31:0 = 0 ;
Q = 0 ;
R63:32 = 0 ;
R31:0 = X ;
for (i=1; i<=32; i++)
{
    D = D>>1;
    if(D<=R){
        R = R - D;
        Q = (Q << 1) | 0x01;
    }
    else Q = Q<<1;
}
```

Multiplicación binaria ($P = X*Y$)

```
MD63:32 = 0;
MD31:0 = X;
MR31:0 = Y;
P = 0;
while (MR != 0)
{
    if ((MR & 0x01) != 0)
        P = P + MD;
    MD = MD << 1;
    MR = MR >> 1;
}
```