3, 4. (1) BB: [x]==00.11010, [y]==00.10111 [以]社 00.11010 发生3正上选 +[y]*1 00.10111 [x+y] = 01.10001 [x]# =00.11101, [y]# = 11.01/00 09 1110 没有发生造出 + [y] A. 11.01100 [x+4] = 00.01001 [x+y] & , 00.01001 [X] #= 11.01001, [y] = 11.01000 (3)解: [X] R 11.0/001 发生3处上选 + [y] # 11.01000 [x+y] x 10.1000|

3.5 (1)解: [以]科=00.11011 , [4]科= 11.00011 00.11011 [X]补 + [-y]iel· 11.0001] 沒有发生拖出 [x-y]#1. 11.11110 x-y = -00.00010[-y]=| = 11.00010 (2) 解: [以]补=00.1011 [X] it 00. [011] 11.00010 没有发生选出 +[-4] } [x-y]*|. 11.11001 x-y = -00.00111(3) M: [X] = 11.0000) [-4] = 00.1100 [x] zh 11.00001 没有发生溢出 +[-y]=1 00.11001 [x-y] = 11.11010 : x-y = -00,00110

y= 0.11101. N= -0.11111 3.6 (1)解:由原码位本生方法有 乘数 191 部分枚 11101 00,00000 + 00,11111 11101 00.11111 2 Pt = X= D P1=1 →00.01111 因此 + 00,00000 [xxy]=1. 110000011 00.01111 →00.0011 xxy = -0.11(000001) + 00, 1111 →00.1001 01111 +00.11111 01.10010 01111 →00.1100 0011 +00,1111 01.11000 00111 →00.11100 0001

```
y = -0.0/1101
         x = -0.011010
    由补码-位束的结构
                               0.011010
                      [-×]H=
     [以]計=1.100110
     [4]科=1.100011
                    乘数 y
      部级
                    11000110
    00. 000000
                                + [-~]~.
   00. 011010
   00. 011010
                   01100011
  300,001101
                                  +0
 + 00,000000
   00-001101
                                 [x] [=
                   10110001
→00.000110
+11.10011D
   11.101100
                  01011000
>11.110110
 +00.00000
  11.110110
                  00101100
→11.11011
+ 00.000000
                               + [>刈补
  11.111011
                 1.0010110
-) H. HI 101
+ 00.011010
  00.010111
                               f D
                 11001011
00.001011
                              $401-xxy= 0.101110010
  00.000000
  00.001011
                  0010 11
   所以[xxy]科= 0.001011110010
```

x = -0.000 y = 0.10003-8 [X][]=1.10101 [y][= (0.11000] [14]] = 0,11000 [-14] = 1.01000 酌の 分数 R 0.00000 00.10101 十[-14]科11.01000 R,<0 局上0 0.00000 11, 11101 0.0000 < 11. 11010< + 141 00. 11000 R,>0高41 0.00001 00-10010 0.0001 € 01.00100 刊》[科11.01000 0.00011 R, >0 商山 00 01100 0.0011 € 00. 11000 +[14]] 11 ,01000 R,>0 阿上 0.00111 00.0000000.00000 0.0111 11-197年11.01000 11-01000 0.01110 €10.10000 0.1110 +1y1 00. 11 0 00 11.01000 0. 11100 由于保险为负加141616为0 且符号位》图以=0图1=1 AMR = 0 FF11, [7]=11100

2 6125 X10 4-150390625×10-1 解交替网数较化为 IEEE 754-2008 半精度 2.6125 X10 = 26.125 0125 D 11010,001) 1.101000 X2 E= e+16 = 20 = 10100 M= /01000/ 26,125 用料稳度部 010100/01000000 4. 150390625 XIDT = 0.4150390625 c. [4.150390625 X107 0.4150390625 0,011010100100---)2 0.562536 1.101010000x2 0.8300792500 0 125672 1.660/585000 S= 0 E = e+16 = 14 250 44 1.320317 =01/10 0- 500 288 0.640834 0 1.000576 1. 28/268 X 0.00152 0 00 5304

4150390625X107 斗精度表示为 00/110/0/00/00 通 ①对价 $X = 2.6125 \times 10' = 1.10/000/ \times 2^4$ Y = 4.150390625 X107 = 1.10/0/00/00 X2-2 x所比什么的阴极结婚的所谓同时阶段加好 X pt 10 Y = 0/0/00 000000/010 100/00 37岁时加起为101 0 /0/00 /0/0 000000 0 10/00 0000 001010 0 10 100 10 10 00 10 10 X+X 强数为1.010001010天死地核化。