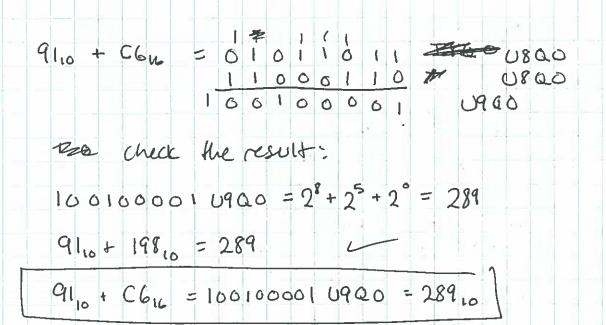
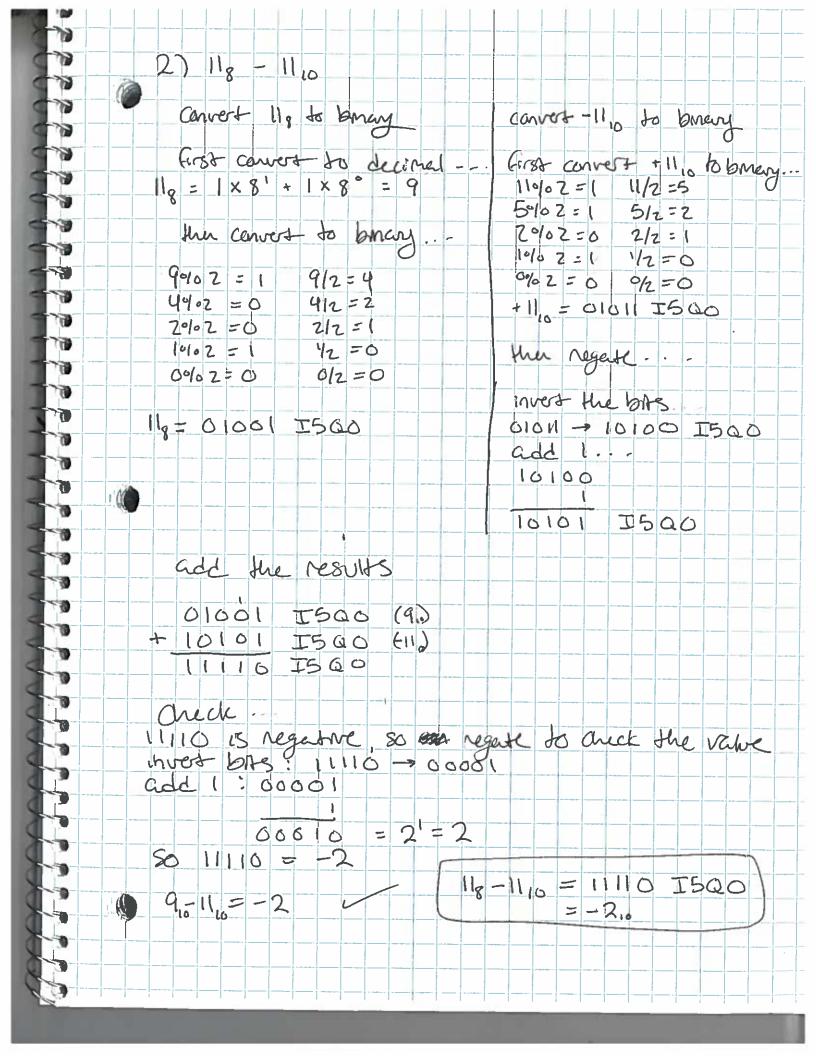
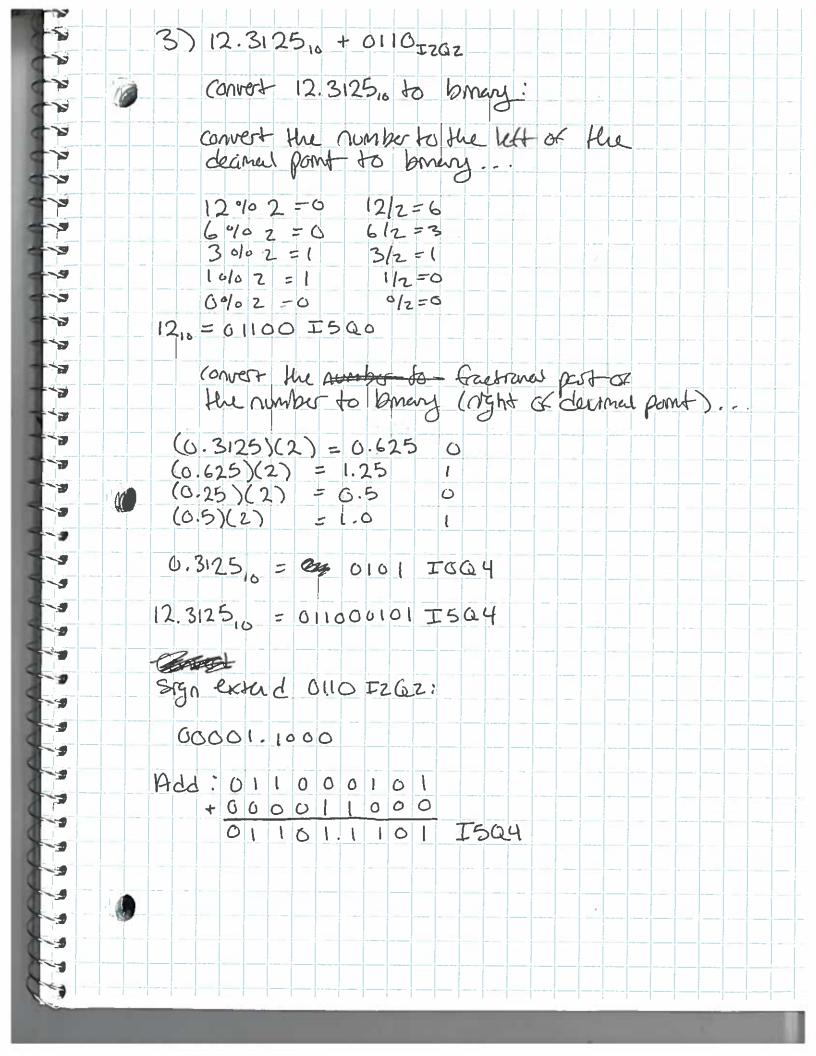
| - W | |
|-----|--|
| | ARIANA OLSON HUU3 1013117 |
| | Hus 3 |
| | 10(3)(7) |
| 30 | |
| 13 | 1) 91,0 + 25 (6,4 |
| | |
| | convert 91,0 to brung: |
| 29 | 0190 2 - 1 010 - 46 |
| 2-9 | 1590 2 - 1 11612 - 20 |
| 2-9 | 22.1/2 2 - 4 20/2 - 22 |
| 4-3 | 11% 2-1 (11) =5 |
| 39 | 5% 7 = 5/2 - 2 |
| 70 | 2 1/2 = 1 |
| -0 | 1010 2 = 101 1/2 = 0 |
| | 91902 = 1 $9112 = 45$ $45962 = 1$ $4512 = 22$ $22962 = 0$ $2212 = 11$ $11902 = 1$ $1112 = 5$ $5902 = 0$ $212 = 0$ $212 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ $1902 = 0$ |
| 10 | 91, =01011011 I8Q0 |
| | |
| | Convert Cbic to Briany: |
| | |
| | Grob convert to decimal C6 = C × hW + 6 × h10° = (12)(16') + (6 × 16°) = 192 + 6 = 198 10 the convert to benery 198 90 2 = 0 198 12 = 99 |
| | C6 = C × h10 + 6 × h10 |
| 49 | =(12)(16') *(6)(16') |
| 4 | = 192 100 |
| | 3 1 6 0 10 book of |
| 39 | 198902 = 0 198/2 = 99 |
| 3 | 99010 2 = 1 9912 = 49 |
| | the convert to brieny 198902 = 0 198/2 = 99 99010 2 = 1 9912 = 49 49902 = 1 4912 = 24 |
| 39 | 24% 2 = 0 24/2 = 12 |
| 3 | 120/07 - 0 12/2 - 1 |
| | 6%2=0 612=3 |
| | 300 7 = 1 3/2 = (|
| | 1010 2 = 1 1/2 = 6 |
| | 00102=0 012=0 |
| | $6\% 2 = 0 \qquad 612 = 3$ $3\% 2 = 1 \qquad 312 = 1$ $1\% 2 = 1 \qquad 1/2 = 6$ $0\% 2 = 0 \qquad 0/2 = 0$ $0\% 2 = 0 \qquad 0/2 = 0$ $0\% 2 = 0 \qquad 0/2 = 0$ $0\% 3 = 0 \qquad 0/2 = 0$ $0\% 3 = 0 \qquad 0/2 = 0$ |
| | |
| | |
| | |
| | |
| | |

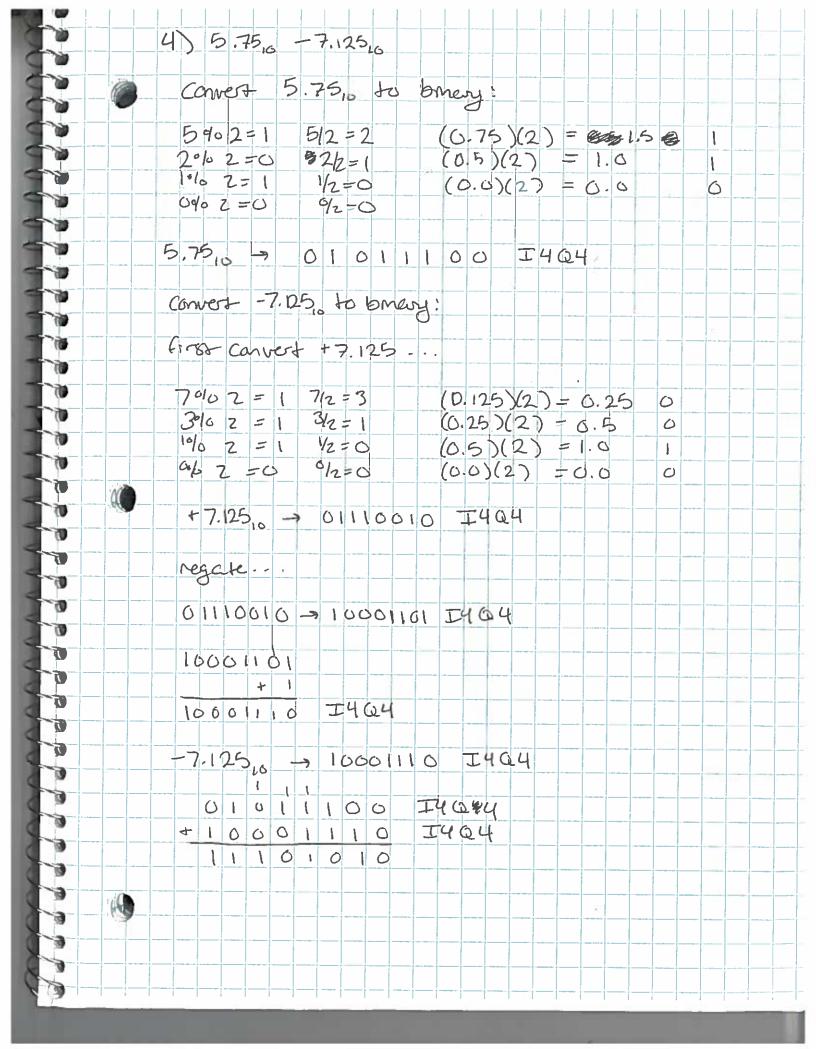


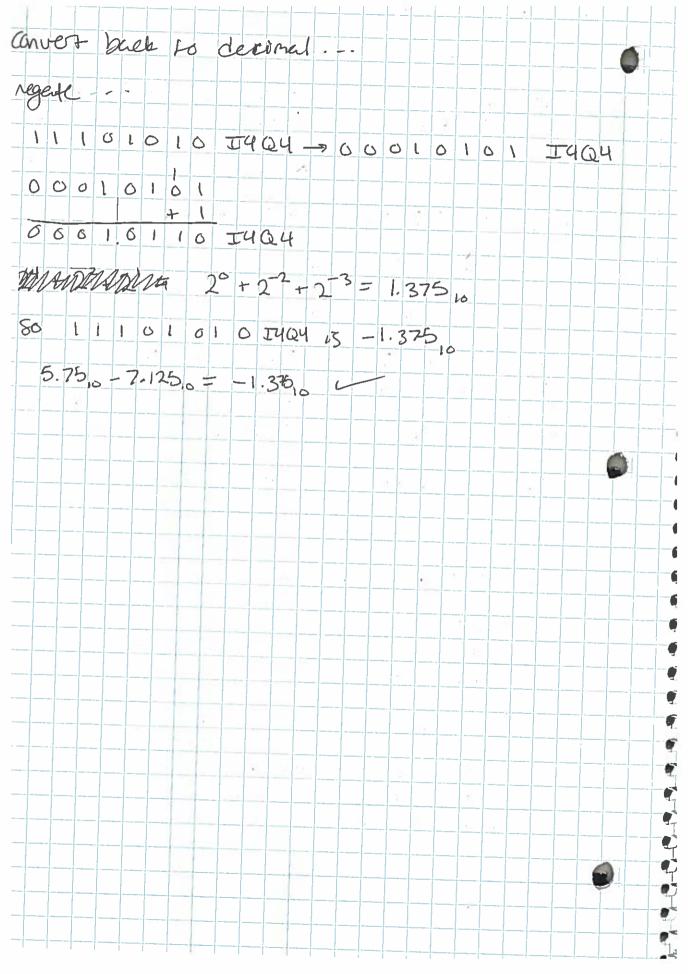


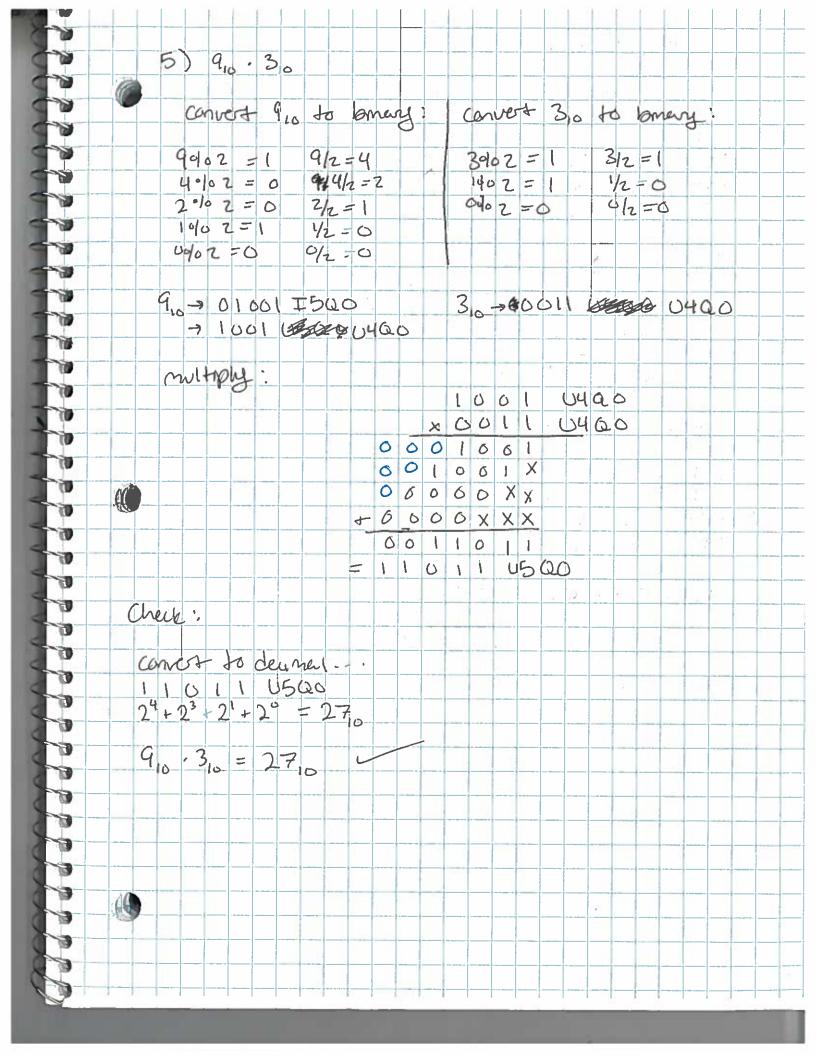


Check:

Convert 6 1 1 0 1202 to base 10... $2^{\circ} + 2^{-1} = 1.5_{10}$ $2^{\circ} + 2^{\circ} + 2^{\circ$





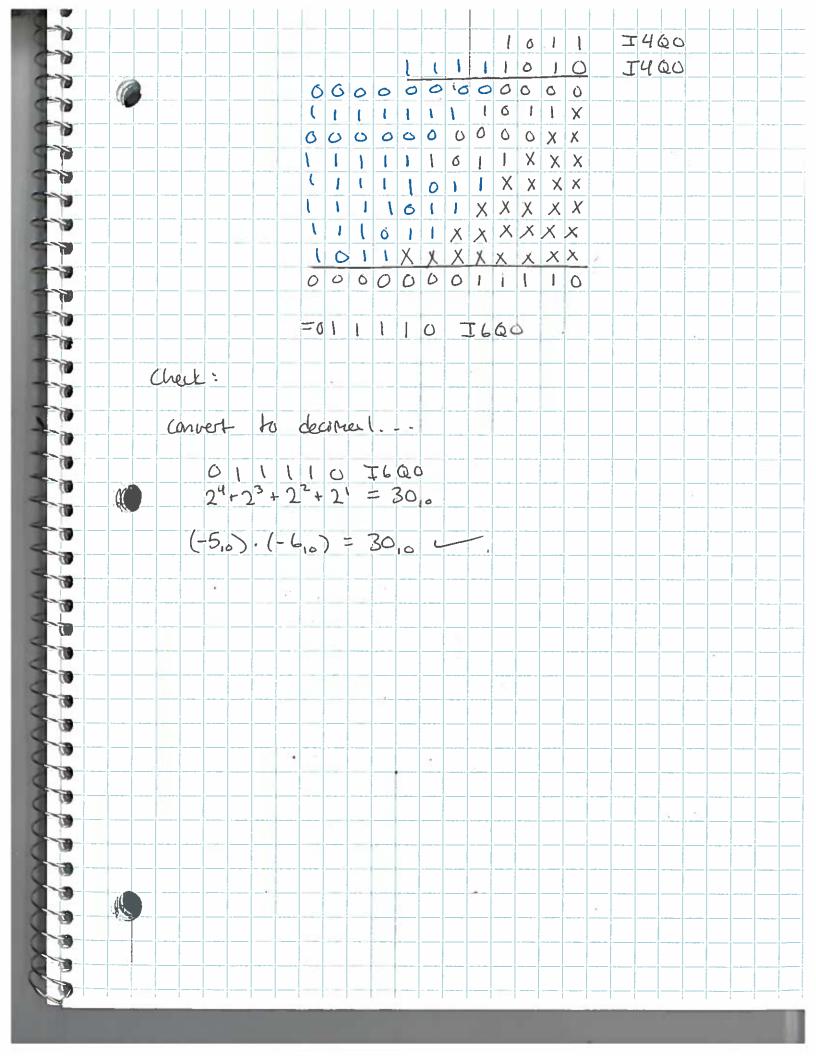


6) (-5),0 (-6),6 convert -5,0 to brany: 5 % 2 = 1 5/2 = 2 2% 2 = 0 2/2 = 1 1% 2 = 1 1/2 = 0 0% 2 = 0 6/2 = 0-(0101 I400) - 1010 1011 I400 -5,0 -1011 convert -616 to binary: 6 × 160 = 6,0 regare -6,0 6 902 = 0 6/2=3 3 902 = 1 3/2 = 1 1 0/0 Z = 1 1/2 = 0 0 0/0 Z = 0 0/2 = 0 -(0110 T400) - 1001 1010 I4Q4

6

...

5



```
7) 9.5,0 · 2.625,0
   convert 9.5,0 to binary:
              (0.5)(2)=1.0
   90/02 =1
               (0.0)(2) = 0.0
   40/02 = 6
   70102 = 0
   1662=1
   00/02 = 0
     10011 0401
   % correct 2.005,0 to brievy.
                 (0.625)(2) = 1.25
   2002 =0
                 (0.25)(2)=0.5
   1002=1
                 (0.5)(2) = 1.0
    0% 2=0
                 (0.6)(2)=0.0
    6101010203
  Sign extend and multiply:
                        1001.6100 0403
                                     U203
                            10.101
                 00001601
                 00000000
                                0 6 X
                 00166116
                                OXX
                 6666666
                                XXX
                               XXX
                  1001100X
                 11006111100 0506
    = 11000.1111 0504
```

T

