HW 3

Zoe Fiddler

$$| 9|_{10} + | 6|_{10}$$

$$| 20|_{10} + | 6|_{10}$$

$$| 20|_{10} + | 2|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} = | 1|_{10} =$$

$$\frac{2) 11_8 - 11_{10}}{101000} = 01001 + -01011 \\ 10100 \times \\ 101016 \times$$

$$\frac{10101}{11110} = 00001 + 1$$

$$01100.0101$$
 + or  $0.00$   
 $01101.1001 = 13.8125$ 

$$0001.0100$$
 $0001.0100$ 
 $= 1.375$ 

```
8) -1.25 , 3.5 ,0
    2001.01 . 011.10
      11010
                          I3 92
       11011
                      110,11
                10 10 10 10 11 10 11 1
                 111011
                1 (1811
                 000000
                11/011,1000 IGQ4
            ×
               000100.0101
               000100.0110
=[-4.375]
```