

# CSC 137 Homework #2

1.6 
$$\frac{1.1111111111111111 \cdot 2^{(5-7)}}{1.1111111111111111 \cdot 2^8}$$
  

$$= 511.875$$

1.8 
$$\text{exp} = 1 \quad \text{Fraction} = 0$$
  

$$1 - 1 = -6$$
  

$$\text{exp. fraction} \cdot 2^{-6} = 0.015625$$
  

$$= 0.0156$$

2.4

x	y	x'	y'	x+y	x+y'	x'y'
0	0	1	1	0	1	1
0	1	1	0	1	0	0
1	0	0	1	1	0	0
1	1	0	0	1	0	0

Yes, both of the last rows are the same!

2.5 
$$f = x\bar{y} + yz \quad (f')' = [(x\bar{y})'(yz)']'$$





