

16.6 Exercises

1. Extremely close to Zero but not technically equal to it.
2. Convert
 - a. $1.0 = 3f8000000$
 - b. $-0.1 = bdcccccd$
 - c. $2016.0 = 44fc0000$
 - d. $0.00390625 = 3b800000$
 - e. $-3125.3125 = c5435500$
 - f. $0.33 = 3eq8f5c3$
 - g. $-0.67 = bf2b851f$
 - h. $3.14 = 4048f5c3$
3. Hex to IEEE 754
 - a. $40000000 = 2.0$
 - b. $Bf800000 = -1.0$
 - c. $3d800000 = 0.0625$
 - d. $C1804000 = -16.03125$
 - e. $42c81000 = 100.03125$
 - f. $3f99999a = 1.2$
 - g. $42f6e666 = 123.449997$
 - h. $C25948b4 = -54.320999$