

Components & Design Techniques for Digital Systems – CSE 140
(Section 507372)

Homework 2

October 5, 2004

- Gajski 2.18
- Gajski 2.19
- Gajski 2.23
- Gajski 2.24
- Gajski 2.25
- Gajski 2.28
- Gajski 2.29
- Gajski 2.30
- Represent the following numbers in IEEE754 format and perform the corresponding operations.
 1. $25 + 14$
 2. $32 - 30$
 3. $22 + (-15)$
 4. 25×15
- Perform the following operation by restoring and non-restoring division and compare the results.
 $10011010 / 11001$