

Name: _____

CIS 351 Twos Complement Worksheet

Write each number as a six-bit twos complement binary number. Work each problem by hand (no calculators or conversion problems). Show your work.

1. -19

2. -12

3. -17

4. -31

Convert each six-bit twos complement binary number to base 10.

5. 111011

6. 100010

7. 000010

8. 111000